

# INDEX

January 1, 1968 to June 30, 1968 • Vol. 164 • 113th Year, First Half

Authors	page 2
General Index	page 2
Railway Bookshelf	page 11
People in the News	page 11

# RAILWAY AGE

THE TRANSPORTATION WEEKLY

**Editorial and Executive Offices**  
New York, N.Y. 10007, 30 Church St.

ROBERT G. LEWIS: Publisher  
LUTHER S. MILLER: Editor  
FRED C. MILES: Executive Editor  
Managing Editor: Edward F. Donlon  
Transit Editor: Joseph Asher  
Mechanical: F. N. Houser  
Car & Locomotive Cyclopedia:  
C. L. Combes  
Art Director: Joel Petrower  
Art Editor: Maurice H. Mates  
Art Assistant: Thomas J. Pendergast  
Editorial Assistant: June Meyer  
Director of Research: H. B. Bolander  
Librarian: Edith C. Stone  
Production Manager: Fred B. Hecht  
Manager—Contract Department:  
Constance Nicolai

**Editorial and Executive Offices**  
Chicago, Ill. 60604, 14 E. Jackson Blvd.

C. JAMES FISHER: Vice President—Sales  
GUS WELTY: Senior Editor  
Western Editor: Frank Malone  
Mechanical: Robert D. Bartley  
Engineering:  
M. H. Dick R. E. Dove  
Signaling & Communications:  
Robert W. McKnight E. L. Abbott  
Editorial Assistant: Wanda Brown

Washington, D.C. 20004,  
National Press Bldg.  
Washington Editor: Walter J. Taft

London, W.C. 2, England, 4, Talbot  
House; 98 St. Martin's Lane  
International Editors:  
Geoffrey Wilson John Leyett

Contributing Editors:  
Norman E. Gillespie  
3205 Chelsea  
Orlando, Florida 32803

Charles Layng  
115 West Gore St.  
Orlando, Florida 32806

E. L. Woodward  
876 Chattanooga Ave.  
Pacific Palisades, Calif. 90272

GEORGE DUSENBURY: Editorial Director

# AUTHORS

Allott, Gordon, Feb 5 p 19  
 Asher, Joe, Jan 1/8 p 9, p 16; Feb 5 p 9, p 19; Mar 4 p 8, p 18; Apr 1/8 p 26; May 6 p 23; June 3 p 15

Bacon, Edmund, Mar 4 p 22  
 Baker, William D., Apr 14 p 34  
 Bamert, William, June 10 p 25  
 Barriger, John W., Feb 26 p 42  
 Behling, Burton N., Jan 22 p 74  
 Bergen, J. L., Apr 29 p 38  
 Biagianni, B. F., June 17 p 40  
 Blair, Sam A., Mar 11 p 38  
 Blaske, Floyd, May 13 p 32  
 Boyd, Alan, Feb 5 p 16, p 34; Apr 29 p 12; June 17 p 12; June 24 p 7  
 Bretey, Pierre, Mar 11 p 8  
 Brower, William B., June 3 p 7  
 Brown, W. Kendall, May 20 p 18  
 Buckley, Thomas C., June 10 p 32  
 Burden, Grant, Apr 1/8 p 41

Chakas, Don, Jan 29 p 29  
 Clayton, W. Graham Jr., Apr 29 p 42  
 Combes, C. L., Jan 22 p 48; Apr 1/8 p 32  
 Creedy, John A., Jan 1/8 p 38  
 Crippen, C. E., Mar 18 p 64

Deeks, R. G., Mar 11 p 24  
 DeMent, George, May 6 p 22  
 Derr, Albert J., Mar 4 p 32  
 Dick, Merwin H., Jan 22 p 72; Feb 12 p 17; Apr 15 p 22  
 Donion, Ed, Feb 5 p 24; Apr 22 p 18

Ehrke, Carl V., May 27 p 66  
 Emery, John C., Apr 15 p 34  
 Englund, Carl R., Jr., June 3 p 46  
 Erlandson, Carl R., Feb 12 p 35

Fitzsimmons, Frank E., Mar 25 p 12  
 Freeman, Samuel, Feb 19 p 27  
 Fuller, J. G., June 10 p 32  
 Goodfellow, Thomas M., Mar 25 p 52; Apr 1/8 p 48;  
 May 27 p 58; June 17 p 12  
 Gray, W. Ashley, Jr., Feb 5 p 34  
 Griswold, William E., May 20 p 25  
 Grotz, W. Arthur, Apr 15 p 17  
 Hampson, W., Mar 11 p 24  
 Haswell, Anthony, May 6 p 29  
 Heppner, Frank, May 6 p 29  
 Hiltz, J. P., Jr., Feb 12 p 26  
 Houser, F. N., Jan 22 p 42; Mar 25 p 43  
 Jaeger, L. W., Feb 19 p 27  
 Jenks, Downing B., Mar 25 p 11; Apr 15 p 30  
 Johnson, H. N., Mar 25 p 94  
 Johnson, J. B., May 27 p 66  
 Johnson, William B., Feb 5 p 34; May 13 p 37  
 Jones, Joseph F., Mar 11 p 18  
 Kelle, R. L., Mar 11 p 24  
 Keyes, G. J., May 6 p 29  
 Kirkland, J. F., Mar 18 p 54  
 Kopriwa, Thomas, Jan 22 p 51; Mar 11 p 38  
 Laffey, Meredith C., May 27 p 93  
 Lang, A. Scheffer, Mar 4 p 23; Mar 25 p 12; Apr 15 p 28; June 24 p 12  
 Langdon, Jervis, Jr., Apr 1/8 p 8; Apr 29 p 39  
 Layng, Charles, Feb 5 p 30  
 Lichly, E. R., June 10 p 37  
 Macomber, Franklin S., Mar 11 p 19  
 Magee, G. M., Mar 18 p 29  
 Malone, Frank, Mar 25 p 40  
 Mansfield, W. H., May 27 p 92  
 McKnight, Robert W., Jan 22 p 70; Apr 15 p 18  
 Miller, Luther, Feb 5 p 16; Mar 4 p 18; Mar 25 p 52;  
 Apr 1/8 p 26 (See also As the Editor Sees It)

Moffit, Franklyn M., Feb 26 p 7  
 Moir, G. Russell, Feb 26 p 27  
 Morton, Charles L., Jan 22 p 51  
 Murphy, Rupert L., May 27 p 58

Neitzel, R. E., Feb 19 p 27

O'Keefe, Roger, Feb 12 p 35

Pace, N. C., Mar 18 p 54  
 Parilla, F. W., Mar 25 p 39  
 Parkes, G. Richard, Feb 19 p 27; Mar 4 p 32  
 Pernau, Robert T., May 6 p 29

Quinn, William J., Apr 15 p 25

Regan, J. J., Mar 18 p 25  
 Rockefeller, Nelson A., Apr 1/8 p 41  
 Ronan, William J., Mar 4 p 18

Schneider, Lewis, Apr 15 p 25  
 Shortall, J. O., Apr 1/8 p 41  
 Simons, Guy K., Jan 1/8 p 38  
 Skyler, David, May 20 p 17  
 Stokes, W. H., Apr 1/8 p 26  
 Sturgeon, Charles H., Feb 5 p 40; May 20 p 7

Taft, Walter J., Jan 22 p 57; Feb 5 p 16; Mar 25 p 52  
 (See also Watching Washington)  
 Taylor, A. Orville, June 24 p 34  
 Tennyson, E. L., May 13 p 44  
 Tierney, Paul J., Jan 22 p 108; Mar 18 p 50; May 6 p 28  
 Tighe, Francis C., Feb 19 p 27  
 Walthers, Wm. K., Feb 19 p 27  
 Welty, Gus, Jan 22 p 37, p 64; Feb 5 p 16; Feb 12 p 26;  
 Mar 25 p 36; Apr 1/8 p 28; May 27 p 27 (See also  
 Gus Welty's Lines on Labor)  
 Wightman, John E., Jr., Feb 12 p 34

# GENERAL INDEX

\*Illustrated; †Editorial; ‡Letters from Readers

## A

ACF Industries, Inc.:  
 Car Building Outlook, Apr 29 p 42  
 Car, New Low-Pressure-Differential Hopper, Feb 12 p 40\*; Mar 11 p 26\*  
 Car, Versa-Deck Flat, Feb 5 p 26\*  
 Cars, Center Flow Hopper, More, Mar 25 p 60  
 Dry Bulk Commodities Laboratory, Jan 29 p 32\*  
 50,000th Trailer Hitch Installed, Jan 1/8 p 36  
 Merger with Williams Bros. Planned, June 10 p 7  
 Mobil Oil Six-Wheel Tank Cars, Apr 22 p 9\*  
 Reporting Marks Changed, June 24 p 78\*  
 Abandonment of Passenger Trains:  
 ICC Seeks More Power to Deal with, Jan 22 p 108  
 "No Market, No Service", Apr 22 p 40†  
 Odds Appear to Favor Passenger Service Abandonments - or Subsidy, Apr 1/8 p 28\*, p 43, p 52†;  
 May 13 p 43†  
 Train-Off Cases, ICC Survey of, Apr 1/8 p 32  
 WP Still Seeks to Abandon "California Zephyr",  
 Apr 1/8 p 32  
 Abandonment of Tennessee Central, May 13 p 12  
 Abex Corp.: Car Wheel Plant Planned, Jan 1/8 p 36  
 Accident Prevention (See Safety)  
 Accident Statistics, Mar 11 p 36  
 Accidents:  
 How C & NW Cuts Casualty Losses, Mar 25 p 36\*,  
 p 96†  
 NTSR Report on B & M Grade-Crossing Collision at Everett, Mass., Mar 11 p 13  
 NTSR Report on NYC Freight Train Collision in New York City, Jan 29 p 12  
 NTSR Urges FRA to Reverse Trend in, Apr 15 p 11;  
 Apr 22 p 8  
 Accounting:  
 Billing Procedures for Repairs on Interchange Freight Cars, AAR Accounting and Mechanical Divisions to Study, June 17 p 7  
 Ordinary Income a New Item in Income Account, Apr 1/8 p 34  
 Acme Products: Disposable Inflatable Dunnage, Mar 25 p 49\*  
 Administrative Proceedings in 1967, Jan 22 p 89  
 Advertising:  
 Airline, in 1967, May 20 p 36  
 RR, Critique of, May 20 p 18  
 RR's Need for, May 13 p 25  
 Who Knows What the RRs Are Doing?, Apr 22 p 21  
 Aerocorp. Corp., to Merge with Libby-Owens-Ford, June 3 p 44  
 Air Freight Forwarder, MP Seeks Authority to Operate as, Jan 29 p 7  
 Air Freight Growth Charted, Apr 15 p 34

Air Pollution, Griffin Wheel to Install Air Filtration System to Control, Feb 19 p 7  
 Air Rights for Skyscrapers on Lakefront Property; IC, June 10 p 13  
 Airline Advertising in 1967, May 20 p 36  
 Airport and Airway User Charges Called for, May 27 p 11  
 Airports, Linear, Proposed, Feb 19 p 31  
 Alco Products, Inc.:  
 Computer Simulation Aids in Locomotive Selection and Application, Apr 22 p 26\*  
 Forbes, E. C., Named President, May 20 p 36\*  
 Allied Tube & Conduit Corp.: Thrall All-Door Box Car Saves Time, Cuts Cost, Jan 29 p 48\*  
 Alton & Southern Joint Control Approved by ICC, Mar 11 p 27; Apr 29 p 7  
 Aluminum Assn.: Aluminum Structural, Feb 12 p 30\*  
 Aluminum Containers, Market for, May 27 p 92  
 Aluminum I-Beams and Channels; Aluminum Assn., Feb 12 p 30\*  
 Aluminum Passengers Cars Ordered by MBTA, Jan 1/8 p 35  
 Aluminum Track-Well Bridge, June 24 p 70\*  
 American Association of Railroad Superintendents: Annual Meeting, June 17 p 24\*; June 24 p 12  
 American Cyanamid Co. Enters Computer Field, Feb 26 p 12  
 American Koyo Corp.: Journal Roller Bearing, Feb 12 p 30\*  
 American Railway Engineering Assn.: Program for Annual Meeting, Mar 18 p 31  
 RR Engineering: View from DOT, Apr 15 p 28\*  
 American Short Line Railroad Assn.: Croft, P. H., Jr., Named President, Mar 25 p 92  
 Top Men Resign, Feb 19 p 40  
 American Society of Mechanical Engineers: Joint RR Conference with IEEE, Mar 18 p 64  
 American Standard, Inc.: Plans Merger with Westinghouse Air Brake Co., Mar 11 p 7  
 American Train Dispatchers Assn.: Settlement of 1967 Wage Case, Jan 15 p 10  
 American Transit Assn. Rail Transit Group Meeting, May 6 p 22  
 American Trucking Associations: Predictions for Motor Truck Tonnage and Revenues by 1980, May 20 p 12  
 American University: Railroad Management Institute, Feb 12 p 26\*  
 AMSTED Industries, Inc.: Plans to Merge with U. S. Gypsum Called Off, Jan 15 p 34; Apr 29 p 7  
 Anaconda American Brass Co. Copper-Alloy Brake Disc, Jan 1/8 p 31

Appliances, ICC Suspends Higher Rates on, Mar 11 p 7  
 As the Editor Sees It, Jan 1/8 p 21; Jan 15 p 25; Jan 29 p 21; Feb 5 p 21; Feb 12 p 19; Feb 19 p 31; Mar 4 p 37; Mar 11 p 15; Mar 18 p 27; Mar 25 p 60; Apr 1/8 p 43; Apr 22 p 37; Apr 22 p 21; Apr 29 p 35; May 6 p 30; May 13 p 25; May 20 p 23; May 27 p 55; June 3 p 21  
 Association Calendar, Jan 29 p 33  
 Association of American Railroads: Billing Procedures for Repairs on Interchange Cars, Task Force to Study, June 17 p 7  
 Curry, H. B., Vice-President, Management Systems Div., Feb 5 p 7\*  
 Efficiency Study Made by WOFC Corp., June 17 p 12  
 Explanation of Cost Figures Presented in Ex Parte 256 Rate Case, Feb 26 p 37  
 Government Outlays for Transportation in 1968, May 20 p 8; June 17 p 34\*  
 Mechanical Division:  
 Annual Meeting Program, June 24 p 57  
 Hotbox Statistics, Feb 5 p 38; Mar 4 p 34; Apr 29 p 81  
 Proposes to Give Traffic Officers Jurisdiction Over Demurrage and Storage Charges, and Mileage Allowances, Apr 22 p 32  
 Purchases in 1967, May 27 p 65  
 Review of RR Operations in 1967, Jan 22 p 74\*  
 "Summit" Talks with Labor Unions, Jan 22 p 14;  
 Feb 5 p 7; Feb 19 p 14, p 44†; Mar 4 p 12; Mar 25 p 12; Apr 22 p 9  
 Association of Railroad Advertising Managers: Annual Meeting; Golden Spike Award, May 20 p 16\*  
 Atchison, Topeka & Santa Fe: Bridge Over Pecos River Rejuvenated, Feb 12 p 20\*  
 Cameras Aid in Loss and Damage Work, Mar 25 p 40  
 COFC vs TOFC Studied by, Jan 29 p 25  
 Container Train, Land-Bridge, Proposed, May 6 p 8  
 Locomotives: EMD 3600-Hp FP-45, and GE 3000-Hp, U30CG Dual-Purpose Units of Modified Car-body Design, Jan 1/8 p 24\*  
 Materials Handling Equipment Used by, May 13 p 24\*  
 SFI Seeks to Amend Stock Exchange Offer, May 27 p 92  
 SEARCH Locomotive Test System Ordered, Mar 18 p 61  
 "Super C": 40-Hour Chicago-West Coast Premium TOFC/COFC Train, Jan 29 p 22\*; Feb 19 p 27;  
 Mar 4 p 40†  
 To Build Pipeline, Jan 1/8 p 36

## RAILWAY AGE—Index

Atchison, Topeka & Santa Fe: (Continued)  
 To Drop "Chief"; Continue "Grand Canyon", May 27 p 87  
 "Understanding" with Pipeline Firm, Feb 26 p 7  
 Atlanta & St. Andrews Bay: A. V. Hocks Elected President, Apr 1/8 p 44\*  
 Atlanta & West Point: C. R. Lapeza Named President, Jun 17 p 17  
 Atlanta's Transit Plans Jell, Feb 5 p 9; Roadblock for, May 6 p 23  
 Automated Locomotive Test System Ordered by AT&SF, Mar 18 p 61  
 Automated Train Operation: South Jersey Transit System, May 6 p 18\*  
 Automatic Car Identification: AARS Discusses Future of, June 17 p 24  
 CN to Buy, Feb 12 p 7\*  
 How KarTrak Works, Apr 22 p 24\*  
 Labor Union Problems May Develop, Jan 15 p 8; Feb 19 p 40  
 Sylvias to License System to Canadian Firm, June 3 p 44  
 Automatic Speed Control System; CTA, May 6 p 24\*  
 Automobile Loading Ramp; Page & Page, Feb 26 p 40\*  
 Automobile-Passenger Service: Ford Motor Co. Interested in, Feb 19 p 8; Apr 22 p 21  
 Riding Qualities Tested, Jan 22 p 14  
 Automobile-Racks, "Flat Top"; Paragon Bridge & Steel Co., May 27 p 41\*  
 Automobile Rig, 13-Car, Tested, June 10 p 40\*  
 Awards: ARAM Golden Spike; Champion Papers, May 20 p 16  
 Commuter Radio Advertising; C&NW, June 3 p 44  
 Harriman; Program Expanded, May 20 p 36  
 HUD Design Awards, Mar 18 p 12  
 International Conference on Urban Transportation; Gov. Nelson Rockefeller, Mar 18 p 7  
 Mansell, D., Honored for Editorial "If Railroads Did Not Exist - the U. S. Would Have to Invent Them", June 3 p 44\*  
 NSC Safety, May 27 p 92; June 10 p 36  
 RPI Golden Freight Car, June 17 p 36  
 Weyerhaeuser Wins L&D Award, Mar 25 p 7\*

## B

Bags, Dunnage (See Dunnage Bags)  
 Baldwin-Lima-Hamilton Prime Mover Tractor, Jan 15 p 21\*  
 Ballast Doors; Damy, Apr 15 p 38\*  
 Ballast-Tamper: Plasser American, Mar 18 p 37\*  
 Baltimore & Ohio (See Chesapeake & Ohio)  
 Baltimore to Adopt Skybus Concept, Mar 4 p 38; May 6 p 23  
 Bangor & Aroostook to Curtail Small Shipments, May 13 p 12  
 Barge Line Ownership by a RR, A Question on, Jan 1/8 p 381  
 Barge-Rail Partnerships Urged, May 13 p 32  
 Barrett-Cravens Co.: Fork-Truck "Shoes", Jan 29 p 37\*  
 Bartlett Trailer Corp. to Build Plant, Apr 29 p 82  
 Batteries; Thomas A. Edison Ind., June 10 p 26\* (Primary); June 17 p 38\* (Storage)  
 Baudix & Northern: M. C. Herren Elected President, Jan 22 p 130  
 Beacon Machinery, Inc.: Automatic Palletizer, Jan 29 p 37\*  
 Berwick Forge and Fabricating Corp. Being Acquired by Whittaker Corp., May 20 p 36  
 Bessemer & Lake Erie: NSC Safety Award, May 27 p 92  
 Bethlehem Steel Corp.: High-Strength Steel, Mar 18 p 37  
 Billing Procedures for Repairs on Interchange Freight Cars, Simplification of, AAR Accounting and Mechanical Divisions to Study, Jun 17 p 7  
 Binkley Co.: Trailer Landing Gear, June 24 p 70  
 Blue-Flag Motorized Protection Device; Hayes Track Appliance, Mar 18 p 38\*  
 Boeing Co.: Canopied Deep-Well Flat Car, Jan 29 p 30  
 Bonding Film; United Shoe Machy., Jan 1/8 p 31\*  
 Boston & Maine: Injunction in N&W System Upheld by Supreme Court, Jan 22 p 6; Feb 19 p 14  
 MBTA Extends Service Agreement with, Jan 1/8 p 7  
 NTSB Report and Recommendations on Collision at Everett, Mass., Mar 11 p 13  
 Boston-Washington D. C. Transport Corridor Project (See Northeast Corridor Project)  
 Branch Lines on Southern to be Served by Traveling Freight Agents, May 13 p 7  
 Brandon Equip. Div.: Load Securement Design, Mar 25 p 49\*  
 Brake Disc, Copper-Alloy; Anaconda American Brass, Jan 1/8 p 31  
 Bridge Safety Panel Named, Jan 22 p 128  
 Bridge, Track-well; Copperloy, June 24 p 70\*  
 Bridges: AT&SF Rejuvenates Pecos River Bridge, Feb 12 p 20\*  
 CN Repair and Replacement Program, Jan 29 p 48  
 C&O/B&O Rebuilding Program, Apr 15 p 11\*; May 13 p 28\*  
 SP Replaces San Francisco Bay Bridge, June 10 p 14\*  
 Brotherhood of Locomotive Engineers: Meeting with L&N, Apr 29 p 12  
 Brotherhood of Locomotive Firemen & Enginemen: Favors Merger with BRT, ORC&B, SUNA, Feb 5 p 12\*; Mar 4 p 13; May 6 p 11  
 Office and Professional Employees International Union Strike Against, June 10 p 12  
 Wage Negotiations, Mar 25 p 11  
 Brotherhood of Maintenance of Way Employees: Accepts "Patent" Wage Settlement, May 27 p 11  
 Brotherhood of Railroad Signalmen: Seeks Wage Increase, Mar 11 p 12  
 Stakes a Claim on ACR Work, Feb 19 p 40

Brotherhood of Railroad Trainmen: Civil Rights Suit, Feb 12 p 13  
 Conference on Public Transportation, Apr 29 p 12; May 6 p 12  
 Crew Conist, Battle with RR's Over, Feb 12 p 11; Feb 19 p 12; Apr 1/8 p 12; Apr 15 p 12; Apr 22 p 12; May 13 p 12; May 20 p 12  
 Impact of W. P. Kennedy on, May 27 p 12  
 Favors Merger with BRT, ORC&B, SUNA, Feb 5 p 12\*; Mar 4 p 13; May 6 p 11  
 Time for Words and a Time for Silence, A, June 24 p 82†  
 Union Shop Dispute with SUNA, Mar 11 p 37  
 Brotherhood of Railway & Airline Clerks: Two-Year Agreement with Carriers, Jan 1/8 p 12  
 Brush Control, Modern Methods Aid in, Feb 12 p 16\*, p 44†; Mar 19 p 54†  
 Brush Cutter, On/Off Track; Kalamazoo Mfg., Mar 18 p 37\*  
 Buckeye International, Inc., Buys Into Mexican Plastics Company, Apr 1/8 p 48  
 Budd Co.: Cars for Northeast Corridor, Apr 1/8 p 32\*; May 20 p 24\*; June 3 p 38†; June 10 p 12, p 32†  
 RR Earnings Off, June 3 p 41  
 To Acquire Gindy Mfg. Corp., Mar 27 p 7  
 Bulk Commodities Handling: ACF New Low-Pressure Differential Hopper Car, Feb 12 p 40\*; Mar 11 p 26\*  
 Bulkmaster Hopper Car Developed, Mar 11 p 36\*  
 Intermodal Service Offered by L&N, June 3 p 31\*  
 Measuring System, Jan 15 p 21\*; May 13 p 34\*  
 Salvage Unit; Zimmerman Equip., Mar 4 p 28\*  
 Bulk Commodity Exemption; ICC Deregulation Ruling Postponed a Year, June 17 p 27; June 24 p 7  
 Bulk Commodity Laboratory; ACF, Jan 20 p 52\*  
 Bulk Packaging and Containerization Institute Congress, May 13 p 48  
 Bulkheads, Gondola; Evans Prod., Mar 25 p 49\*  
 Burlington Northern Inc.; Name of GN-NP-C&B&Q Merged Lines, Apr 1/8 p 12

CML, Inc.: Frequency Converter, May 20 p 32\*  
 CTI-Container Transport International: Open-Top Containers, June 24 p 70\*  
 Cab Signaling System; CTA, May 6 p 24\*  
 Calendar of Association Meetings, Jan 29 p 33  
 Calgary, Transit Plans for, Mar 4 p 25\*  
 Cameras Aid in Loss and Damage Work, Mar 25 p 40\*  
 Canada: Expo Express, What Will Happen to, Jan 1/8 p 9  
 Freight Car Loadings, Jan 1/8 p 35; Jan 15 p 33; Jan 22 p 127; Feb 5 p 37; Feb 12 p 37; Feb 19 p 37  
 Feb 26 p 53; Mar 4 p 33; Mar 11 p 33; Mar 18 p 61; Mar 25 p 89; Apr 1/8 p 45; Apr 22 p 33; Apr 29 p 78; May 6 p 33; May 13 p 45; June 3 p 41; June 10 p 33; June 17 p 33; June 24 p 75  
 Canadian Industrial Traffic League: Annual Meeting and Traffice and Transportation Conference, Mar 11 p 24\*  
 Canadian National: Bridge Replacement Program, Jan 29 p 48  
 Car, Super-Insulated Refrigerator, Mar 11 p 15  
 Electronic Measuring Device for Express Packages, Mar 25 p 92  
 "Executive Club" Cars on "Rapido", May 13 p 11\*  
 First Predesigned Unit Train, Apr 15 p 7\*  
 Investment Division Formed, Apr 22 p 7  
 Labor-Management Conference, Mar 25 p 92  
 1967 Showed Progress But no Profit, Jan 15 p 9  
 Seal Reservation System, Mar 11 p 22\*  
 "Tempo"; Fast Inter-City Passenger Service, June 10 p 9\*  
 Ticket Office Opened in Chicago, Mar 11 p 36  
 To Buy ACI Equipment, Feb 12 p 7\*  
 Toronto GO Service, Results of, June 3 p 16\*, p 48†  
 Canadian Pacific: Cars, Push-Pull, Double-Deck Commuter, Ordered, June 17 p 7\*  
 Improvement Program, Apr 15 p 11  
 Insights, New, June 24 p 14\*  
 Remote Control Locomotive Operation Tested, Jan 1/8 p 36  
 Capital Expenditures: Equipment and Roadway Breakdown, Years 1957-67, Jan 22 p 77; Years 1960-67, June 24 p 77\*  
 Estimate of Amount Required Annually for Next 20 Years, Feb 5 p 34  
 Estimate of Outlay for Cars in 1968, Jan 22 p 42  
 Estimates for 1968, Jan 22 p 37, p 39\* (RA); Jan 29 p 47\*; Mar 25 p 12 (USDC-SEC); June 3 p 7 (McGraw-Hill)  
 Freight Cars and Locomotives in 1967, May 27 p 65  
 Investment in New Plant and Equipment, 1966-68, Mar 25 p 91\*  
 Mass Transit Signaling Estimates for 1968, Jan 22 p 70  
 Private Car Lines and Others, in 1967, Jan 22 p 74, p 76  
 Signaling and Communications Estimates for 1968, Jan 22 p 70  
 Years 1957-67, Jan 22 p 76\*, p 77; Jan 29 p 47\*  
 Car Builders' Dilemma: Feast or Famine, Apr 29 p 40\*  
 Car Builders Report Outlook for 1968, Jan 22 p 42  
 Car Capacity, Average, 1960-67, Mar 11 p 35\*  
 Car Ferry "City of Milwaukee"; GTW, Mar 11 p 36  
 Car Mileage, Average Daily, 1960-67, Mar 11 p 34\*  
 Car Movers: Baldwin-Lima-Hamilton Prime Mover Tractor, Jan 15 p 21\*  
 Ry. Maint. Corp., Mar 4 p 28\*; Mar 18 p 34\*  
 Car Performance More Important Than Train Performance, June 10 p 25\*  
 Car Reporting Systems: American Cyanamid Rail-Con System, Feb 26 p 12  
 CB&Q on Real-Time Basis, Mar 11 p 12  
 D&RGW Computers Know All, Tell All, May 27 p 44\*  
 Reading TRACE System, June 3 p 29\*  
 SCL-SF Gets Flexibility in Computer Operation, Apr 29 p 44\*

Car Supply, Freight: Bad-Order Ratio: Monthly, 1966-68, Feb 12 p 39\*; Mar 25 p 91\*; May 6 p 35\*  
 Car Builders' Dilemma: Feast or Famine, Apr 29 p 40\*  
 Central Distribution; J. Langhorn, Jr., on, Apr 29 p 39\*  
 Cost of New Cars Installed, 1940-68, Feb 19 p 39\*  
 Deliveries: Monthly, 1966-68, May 13 p 47\*; 1967-68, June 10 p 34\*  
 Deliveries: November, Jan 1/8 p 35; December, Feb 5 p 37; January, Mar 11 p 33; February, Apr 1/8 p 45; March, May 6 p 33; April, June 3 p 41  
 Deliveries: Yearly, 1954-67, Apr 29 p 41  
 Estimate of Orders in 1968, Jan 22 p 38\*, p 42  
 Hopper Car Fleet, Growth of, 1955-67, Feb 26 p 54\*  
 Installations: Years 1967, Feb 12 p 30\*  
 Installations: Years 1967-68, Jan 22 p 37  
 ICC Advised to Discontinue Probe, Jan 29 p 11  
 Is the Long Drought in Orders Over? Feb 5 p 12  
 Mechanical Refrigerator Cars in Service and On Order, January 1, 1967, 1968, Mar 18 p 63\*  
 On Order: December 1, Jan 1/8 p 35; January 1, Feb 5 p 37; February 1, Mar 11 p 33; April 1, May 6 p 35; May 1, June 3 p 41  
 On Order: January 1, 1967 and 1968, Feb 19 p 39\*  
 On Order: Monthly, 1967-68, Feb 12 p 38\*  
 Orders in 1967, Jan 22 p 96 (Railway Age Tabulation); Feb 5 p 12  
 Orders: Monthly, 1966-67, Feb 5 p 39\*; 1967-68, June 10 p 35\*  
 Orders: November, Jan 1/8 p 35; December, Feb 5 p 37; January, Mar 11 p 35; February, Apr 1/8 p 45; March, May 6 p 33; April, June 3 p 41  
 Orders: Yearly, 1954-67, Apr 29 p 40\*, p 41  
 Orders: Yearly as of December 1, Jan 15 p 33; January 1, Feb 12 p 37; February 1, Mar 4 p 33; March 1, April 15 p 41; April 1, May 15 p 48; May 1, June 10 p 33  
 Ownership: Years 1957-67, Jan 22 p 87  
 Plywood Shipments Rise; Box Car Shortage Feared, Feb 19 p 7  
 Production: 1959-68, Jan 20 p 46\*  
 Shippers' Views on, Apr 29 p 36; May 20 p 40†  
 What Can RR's Do?, Apr 29 p 38; May 20 p 40†  
 Car Supply, Passenger: Commuter and Transit Car Market, Jan 1/8 p 17; Jan 22 p 43  
 Commuter and Transit Car Orders, 1966-67, Jan 1/8 p 17; 1966-70 (Estimate), Feb 5 p 39\*  
 Installations: Years 1957-67, Jan 22 p 87  
 Ownership: Years 1957-67, Jan 22 p 87  
 Car Utilization: Moving Empty Would Help, Jan 22 p 511  
 Caracass Plains Transit System, Feb 5 p 30\*  
 Carbon Corp.: Modified Cell, June 3 p 32\*  
 Cardwell Westinghouse Co.: Speed Regulator, May 20 p 38  
 Carrill, Inc., to Build New Terminals, Jan 29 p 7; Mar 4 p 7  
 Carrier Corp.: Car Temperature Control, Feb 26 p 40\*  
 Cars, Freight: Box: All-Door, Saves Time, Cuts Cost, Jan 29 p 48\*  
 CB&Q: Plastic Roofs and Doors, Apr 22 p 13\*  
 P-S: Foamed-In-Place Insulation, June 24 p 38\*  
 SCL: "Waffle-Side", Mar 25 p 78  
 Steel Shippers Suggestions for, Mar 18 p 44  
 Coil-Steel, for Hot Lading; Penn Central, Feb 26 p 36\*  
 Flat: ACF Versa-Deck, Feb 5 p 28\*  
 Canopied, Deep-Well: Boeing, Jan 29 p 20\*  
 Southern Ry. "Flat Tops", May 27 p 41\*  
 Steel Shippers Suggestions for, Mar 18 p 44  
 Thrall "Center-Beam" Bulkhead, Feb 19 p 40\*  
 Trailer Train: Design, Construction, Maintenance, June 24 p 34\*  
 Gondola: CB&Q Car Equipped to Raise Coil Payload, Apr 1/8 p 45\*  
 Steel Shippers Suggestions for, Mar 18 p 44  
 Heavier Loads Put Pressure on Track, Mar 18 p 28\*  
 Hooper: ACF New Low-Pressure-Differential, Feb 12 p 40\*; Mar 11 p 28\*  
 "Big John" Model Given to Smithsonian Institution, June 3 p 11  
 Bulkmaster: Hawker Siddeley Canada-Steel Co. of Canada, Mar 11 p 36\*  
 Covers, Fiberglass Hatch; N&W, Apr 20 p 43\*  
 Improvements in 1967, Jan 22 p 77  
 Mechanical Refrigerator: CN Super-Insulated, Mar 11 p 15  
 USDA Report on Strawberry Shipment, Feb 19 p 40  
 Refrigerator, Mechanical (See Mechanical Refrigerator)  
 Tank: Carry Super-fine Problem Chemical, May 6 p 36\*  
 Design, in Canada, Mar 11 p 24  
 Mobil Oil Six-Wheel, Apr 22 p 9\*  
 World's Largest, Jan 22 p 30\*  
 Cars, Passenger: CN "Executive Club", May 13 p 11\*  
 CPR Orders Push-Pull Double-Deck Commuter, June 18 p 7\*  
 Commuter and Transit, Market for, Jan 1/8 p 17; Jan 22 p 43  
 Express, What Will Happen to, Jan 1/8 p 9  
 NTSB Recommends Regulations Requiring Emergency Means of Escape from, Mar 11 p 13  
 NYCTA Air-Conditioned, Jan 1/8 p 10\*  
 NYNH&H Commuter, Model of, Apr 1/8 p 11\*  
 Northeast Corridor Metroliners and TurboTrains (See Northeast Corridor Project)  
 South Jersey Transit System, May 6 p 18\*  
 WMATA Chooses Design for, May 20 p 7\*  
 Cars Per Freight Train, 1960-67, Mar 1 p 24\*  
 Central Railroad of New Jersey:  
 New Jersey to Lease Locomotives for, Apr 15 p 7  
 Shoemaker, F. M., Retires, Apr 29 p 7

Central Steel Tube Co.: Trailer Landing Gear, Jan 29 p 37\*

Centralized Traffic Control: Installations in 1967, Jan 22 p 94 Supervisory Control; Quindar Electronics, Apr 15 p 38\*

UP Consolidating Systems, Jan 29 p 7

Champion Papers, Inc.: ARAM Golden Spike Award, May 20 p 16

Chemetron Corp., Nat. Cylinder Gas Div.: Clearance Measuring Device (Scan), Mar 18 p 34B\*; Apr 15 p 22\*

Chesapeake & Ohio/Baltimore & Ohio: Bridge Rebuilding Program, Apr 15 p 11\*; May 13 p 28\*

Coal Trains Loaded on the Move, Mar 18 p 64\* Fact vs. Fancy in Passenger Business, Jan 29 p 21 Fare System, New, Apr 29 p 12 Freight Car "Who's Who", May 13 p 7 Freight Cars to be Acquired, by Feb 5 p 7; Apr 1/8 p 7 Historical Look at RR Medicine, June 17 p 11\* Merger with N&W, Apr 15 p 12; June 17 p 36 Pillows Given Free to Passengers, Mar 18 p 7 Quality Control Based on Car Performance, Not Train Performance, June 10 p 37

Chicago: Consolidation of RR Terminals Urged by Mayor Daley, Apr 29 p 82 Cook County Forms Transport Bureau, Feb 19 p 31 New Loop Subway Studied, June 3 p 15 Chicago & Eastern Illinois; L&N to Enter Chicago Via, Mar 18 p 11

Chicago & North Western: Accident and Loss Prevention Dept. Organized, Mar 25 p 36\*; p 96†

Awards for Commuter Advertising, June 3 p 44 Casualty Losses Cut, Mar 25 p 36\*; p 96† CGW Merger with; Way Cleared for, Feb 5 p 40; Feb 12 p 12; Feb 26 p 12; Apr 29 p 11; June 17 p 11; June 24 p 78

CMStP&P Merger Case, Jan 22 p 12 Commuter Parking Studied, May 6 p 26\* Hopes to Increase Fares, Not Train-Offs, June 17 p 11 Joint Control of A&S Approved by ICC, Mar 11 p 27; Apr 29 p 7 Marketing-Sales Program, June 24 p 44\* Merger with CRI&P Favored by MP, Feb 12 p 7 Northwest Industries Files Exchange Plan, Jan 15 p 34; Feb 12 p 7

Chicago, Burlington & Quincy: Cameras Aid in Loss and Damage Work, Mar 25 p 41\* Car, Gondola, Equipped to Raise Coil Payload, Apr 1/8 p 48\* Car Reporting System on Real-Time Basis, Mar 11 p 12\* Cars, Insulated Box, with Plastic Roofs and Doors, Apr 22 p 13\* "Eat-at-Seat" Plan Tested, Jan 29 p 7 Merger with GN-NP, Jan 15 p 12; June 22 p 12; Feb 12 p 12; Feb 19 p 14; Mar 4 p 36; Mar 25 p 11; Apr 1/8 p 12; Apr 29 p 11; May 20 p 11; June 10 p 8

Seeks to Raise Commuter Fares, Feb 5 p 40 Tries to Make Advertising Realistic, Mar 18 p 7 Chicago Great Western Merger with C&NW, Way Cleared for, Feb 5 p 40; Feb 12 p 12; Feb 26 p 12; Apr 20 p 11; June 17 p 11; June 24 p 78

Chicago, Milwaukee, St. Paul & Pacific: C&NW Merger Case, Jan 22 p 12 Earnings Up 56% in First Quarter, May 20 p 12 Grain Rate Cut Proposed, Jan 29 p 7 Industrial District Near Chicago, Jan 1/8 p 36 Radar Reduces Yard Impacts, Mar 25 p 41\* Seeks Commuter Fare Increase, Mar 25 p 92 Seeks Delay in GN-NP-C&B&Q Merger, Jan 22 p 12; Feb 12 p 12

Seeks Portland Entry Via Short Line, Mar 11 p 7 Tokyo Office Opened, Feb 26 p 13; Mar 18 p 11\* Chicago, Rock Island & Pacific: Joint Operation with Erie Lackawanna, Apr 22 p 12 Merger Case, Feb 12 p 7; Feb 26 p 56; Apr 29 p 35; May 6 p 7; Mar 20 p 23; June 17 p 11

Chicago Transit Authority: Automatic Speed Control System, May 6 p 24\* Commuter-Transit Tie-In Studied, June 3 p 15 How New Cab Signaling System Works, May 6 p 24\* Median Strip Construction, Feb 5 p 37; May 6 p 36 150 New Cars Ordered, Jan 1/8 p 7, p 35 Chicago Union Station, Office Building to be Built Over, May 6 p 7

Chippewa Paper Prod. Co.: Pallet Components, Apr 29 p 75\*

Civil Rights Suit Against StL-SF and BRT, Feb 12 p 12 Claim Payments; Monthly, 1966-67, Feb 5 p 38\* Claim Payments in 1967, Mar 25 p 40; Years 1957-67, p 90\*; Apr 1/8 p 41\*

Clare, C.P., & Co.: Relays, May 20 p 32\* Cleaning Equipment: Vicjet Tank Scrubber, Feb 19 p 38\*

Clearances, Photographic System for Measuring, Mar 18 p 34B\*; Apr 15 p 22\*

Cleveland: Downtown Transportation Needs to be Studied, Mar 4 p 38

Cleveland Transit System: Airport Extension, May 6 p 23\* Mail Handling Studied, June 3 p 20

Coal, Economic Study of: NCPC Report, Mar 18 p 8 Coal Facility at Ashtabula; P-C, Feb 26 p 12 Coal Facility at Sandusky, N&W, Jan 15 p 16\* Coal Needs in the New York Area, Tri-State Transportation Comm. Report on, June 3 p 11 Coal Production, 1960-68; U.S., Apr 1/8 p 47\*

College Men on the Railroads: Railroads as Recruiters, Feb 26 p 8

Collins Radio Co.: Deviation Calibrators, Jan 22 p 125; Microwave Dev., Feb 19 p 36

Columbus Transit Feasibility Study, May 6 p 23

CoManCo, Inc.: Sliding Plug Doors, Feb 26 p 40\*

Combined Railroad Track Exhibit Cancelled, May 13 p 11

Communications Equipment: Carryphone; WABCO Sig. & Comm. Div., May 6 p 38\* Communications Monitor; Cushman Electronics, May 6 p 38\*

Dispatcher's Amplifier; R. W. Neill, Jan 1/8 p 31\* Frequency Converter; CML, May 20 p 32\* Microphone; WABCO Sig. & Comm. Div., Jan 15 p 21\* Optical Scanner; Optical Scanning, June 17 p 38\* Power Supply; Gardner Eng., Feb 12 p 30 Printer Control; Rycom Instruments, Mar 11 p 26 Reducing Connector; Preformed Line Prod., Apr 22 p 31\* Remote Control Console; Motorola, Apr 1/8 p 40\* Teletype Motor Control; Trepac, Jan 22 p 125\* Communications Men, Skilled, in Short Supply, June 17 p 26

Communications Systems: Installations in 1967, Jan 22 p 95 RR's Will Beef Up Outlays, Jan 22 p 70\* StL-SF Message-Switching Computer Center, Apr 29 p 44\*

Community Relations Committee of Pittsburgh: Career Conference, Feb 26 p 8 Commuter Service (See Passenger Service): Suburban Service

Competitive Transportation: D&RGW Upheld on Change in UP-SP Traffic Solicitation Pattern Via Transcontinental Route (Ogden Gateway Case) Mar 12 p 11; May 13 p 37 Double Standard for Air Lines and RRs, Apr 22 p 21 How to Monopolize a Right of Way, Apr 22 p 40\* Motor Truckers Warned by ICC that Small Shipment Problem Could be Alleviated by Easing Restrictions on RRs, May 27 p 58 RR's Uneasy Over Challenge by Ammonia Pipelines, May 27 p 7

Semi-Autonomous Divisions of Transport Companies Competing Against Each Other Proposed, Mar 11 p 38† Shape of Tomorrow's Competition?, June 10 p 40† Who Will Speak for Freight RR's?, Mar 11 p 40† Computer Service, Commercial, Offered by D&RGW, Jan 1/8 p 27\*

Computers: Alco Simulation Program Aids in Locomotive Selection and Application, Apr 22 p 26\* CN Seat Reservation System, Mar 11 p 22\* C&B&Q on Real-Time Basis, Mar 11 p 12 D&RGW Computers Know All, Tell All, May 27 p 44\* French Nat. Rys. Order for, Feb 12 p 40 Make Quality Control Possible, Feb 26 p 42 Measuring Express Packages, Mar 25 p 92 Operations Simulation Developments, June 17 p 8 Rail-Con System; American Cyanamid, Feb 26 p 12 Reading Car Control System (TRACE), June 3 p 20\* StL-SF Gets Flexibility with, Apr 29 p 44\* StL-SF Industrial Engineering Dept. Programs, June 24 p 60\*

Simulators; New RR Training Tool, June 24 p 56\* SP TOPS System Now Working, May 27 p 92 Ticket System Saves GN Money, June 3 p 40 Concrete Ties (See Ties)

Congress is Back, Jan 15 p 35 Construction Equipment Exposition and Road Show Scheduled for Feb 1969, Apr 15 p 44

Construction Projects: Authorized for 1968, Jan 22 p 105 Completed or Under Way in 1967, Jan 22 p 113 GN Library Dam Line Change, May 13 p 40\* GN Seven-Mile Tunnel, May 13 p 40\* N&W Coal Facility at Sandusky, Jan 15 p 16\* South Jersey Transit System, May 6 p 12\* SP Bridge Across San Francisco Bay, June 10 p 14\* Waycross Southern, Jan 15 p 11\*; Correction, Mar 18 p 54†

Container Handlers: TACK-L-HOIST, Feb 26 p 40\* Towmotor, Apr 29 p 75\*

Container Service: AT&SF Studies TOFC vs COFC, Jan 29 p 25 Intermodal: First All-Container Train in West Germany, Apr 15 p 7 Inland Shippers are Export-Minded, Jan 29 p 29 Land-Bridge Train Proposed by AT&SF-PC, May 6 p 8; by UP-N&W, June 24 p 11 Moir, G. Russell on, Feb 26 p 27\*

Northern Roads Look to Far East, Jan 1/8 p 30\* Overseas Mail Speeded by, Apr 22 p 7 Ports Hope to Stimulate, Feb 26 p 31\* REA Express International Service for Small Shippers, Mar 4 p 36 Tractor Parts Shipped from Wisconsin to Australia, June 17 p 36\*

Outlook for, Jan 22 p 44; Feb 26 p 31\* Shippers' Views on, Feb 26 p 38 "Time Has Come for", Mar 18 p 64 What Lies Ahead for, May 27 p 27\*, 32\*

Container Services & Equipment Exposition to be Held, June 3 p 44

Containers: Aluminum, Big Market Seen for, May 27 p 92 Interpol, Inc., to Lease, Jan 29 p 74\* Feb 26 p 34 Number Carried by RR in 1967, Jan 22 p 79 Number Today and Expected to be in Service by 1975, Feb 26 p 31; by 1972, May 27 p 92 Open-Top; CTI-Container Transport International, June 24 p 70\*

Outlook for Increased Use of, Feb 26 p 31\* Reusable; Taicon, Mitsui, May 27 p 84\* Roll in Intermodal Service, Feb 26 p 27\*

Shippers' Views on, Feb 26 p 38 "Time Has Come for", Mar 18 p 64 Container Service to Canada, Mar 11 p 24 Conveyors, Extendable; Rapistan, Mar 25 p 63 Coordinated Transportation: Barges Lines Want RRs, as Partners, May 13 p 32 Copperly Corp.: Dock Heaters, Feb 19 p 36\*

Copperly Corp.: Track-Well Bridge, June 24 p 70\* Corning Glass Works: Laminated Window for Turbo-Train, Mar 4 p 28\*

Cost Evidence in Competitive Rate Cases, ICC to Hold Oral Argument on, Jan 22 p 90; June 3 p 22 Cost of Commuter Car and Bus Operations Compared, Feb 5 p 9

Cost of New Freight-Train Cars Installed, 1940-66, Feb 19 p 39\*

Costs, Fully-Distributed, vs. Out-of-Pocket: ICC Cost Evidence Case, Jan 22 p 90; June 3 p 22 RR's Lose Ingot Molds Case, June 24 p 53 Coupler, Automatic, Developed in Europe, Jan 15 p 38† Coupler: Is It Automatic Enough?, Jan 15 p 38†; Feb 19 p 27† Coupling Speed Regulator; Cardwell Westinghouse, May 20 p 32

Covers, Fiberglass Hatch, Shippers Like, Apr 29 p 43\* Crane, Hydraulic; Grove Mfg., Mar 4 p 28\* Crane, Hydraulic; Paxton-Mitchell, Mar 11 p 28\* Crew Changes Needed Modernizing, Feb 19 p 27†

Crane, Computer: L&N-ORC&B Reach Agreement on, June 10 p 9 RR's, BRT Battle Over, Feb 12 p 11; Feb 19 p 12; Apr 1/8 p 12; May 20 p 12; Apr 22 p 12; May 13 p 12; May 20 p 12

Crib Reducer; Ry. Maint. Corp., Feb 12 p 30\* Crossing Gate; WABCO Signal & Communications Div., June 3 p 32\*

Crossings, Highway Grade: Number Automatically Protected, Jan 22 p 71 Number of, Jan 15 p 31 Protection Installations in 1967, Jan 22 p 94 Protection Program for High-Speed Trains in Maryland, Apr 22 p 36 Safety (See Safety at Grade Crossings) Study Ordered by NTSB, Jan 22 p 128; Feb 5 p 8 Crossties (See Ties)

Cryogenics Pushed as Freight Coolant, Jan 15 p 18\* Cushioning Devices: Keystone Ry. Equip. Single-Action Unit, Mar 25 p 49\*

Cushman Electronics, Inc.: Communications Monitor, May 6 p 38\*

**D**

Dam Ballast Doors, Apr 15 p 38\*

Delaware & Hudson: Dumaine, F. C., Jr., Resigns, Apr 1/8 p 7 Inclusion in N&W System Upheld by Supreme Court, Jan 22 p 8; Shareholders Cautioned on Vote, May 13 p 11; June 3 p 7; Shareholders Approve Merger, June 10 p 7

Demurrage and Storage Charges, AAR Proposes to Give Traffic Officers Jurisdiction Over, Apr 22 p 32

Denver & Rio Grande Western: Computer Service Offered by, Jan 1/8 p 27\* Computers Know All, Tell All, May 27 p 44\* Seeks Reopening of GN-NP-C&B&Q Merger Case, Jan 15 p 10; Feb 12 p 12 Upheld by Supreme Court in Ogden Gateway Case, May 6 p 11; May 13 p 37

Depreciation Guidelines, RR's to Seek Legislation on, Jan 22 p 57

Dereco, Inc.: Erie Lackawanna a Subsidiary of, Feb 19 p 14; Apr 15 p 12

Detector Installations in 1967, Jan 22 p 94

Detector, Presence; Link, Mar 25 p 49\*

Diamond Paint Co.: Metal Primer, Apr 29 p 75

Dillon, W. C.: Electronic Lift Truck Weighing System, May 13 p 34\*

Distribution: Can Unit Food Trains Slash the Grocery Bill? Apr 22 p 18\* Modal Concepts are Out—Distribution Systems are In, Feb 5 p 34 Single Carrier Responsibility Studied, Jan 29 p 29

Diversification: C&NW Holding Company Files Exchange Plan for Philadelphia & Reading Stock, Jan 15 p 18\* D&RGW Commercial Computer Service, Jan 1/8 p 27\*

M-K-T Holding Company Approved by IRS, Jan 15 p 7

N&W to Develop Apartment Complex, Jan 15 p 7 NP Buys Lumber Business, Jan 1/8 p 36 Penn Central to Use Tax Loss Shelter Money for, Apr 22 p 9

Dock Enclosure; O'Neal Tarpaulin, Feb 19 p 36\* Dock Heaters; Copperly, Feb 19 p 36\*

Dock Seal; O'Neal Tarpaulin, Mar 25 p 63\*

Dock Mover; Hennessy Prod., June 24 p 70\*

Door, Plastic; on C&B&Q Box Car, Apr 22 p 13\*

Doors, Ballast; Damy, Apr 15 p 38\*

Doors, Sliding Plug; CoManCo, Feb 26 p 40\*

Dunnage Bags: Acme Prod., Mar 25 p 49\* Uniroyal, Apr 29 p 75\*

**E**

Earnings (See Net Income) Edison, Thomas A., Ind.: Primary Battery, June 10 p 28\* Storage Battery, June 17 p 38\*

Electricity-Generating Capacity, Sources of, 1965-80, May 27 p 91\*

Electronic Measuring Device for Express Packages; CN, Mar 25 p 92

Elgin, Joliet & Eastern: NSC Safety Award, May 27 p 92

Employees: (See also Names of Unions; Training of Employees) National Health and Welfare Insurance Plan Set Up for, Jan 15 p 9 Number of (Monthly), Jan 22 p 12; Mar 4 p 35\*; Apr 1/8 p 47\*, Apr 22 p 35\*, June 3 p 43\*

## Employees: (Continued)

Number of; Years 1957-67, Jan 22 p 83, p 83\*  
Protection of Employees of Competing Roads in  
Merger Cases; Court Ruling, Feb 5 p 40; Feb 12  
p 12\*

Railroad Man and What Makes Him Tick, June 24  
p 12\*

Rfts Urged to Hire Jobless Youth, June 24 p 7  
Skilled C&S Men in Short Supply, June 17 p 26

Wage Negotiations: ATDA 1967 Wage Case Settled, Jan 15 p 10  
BRS Cost Increase Over Three Years, Mar 11  
p 12

Carrriers and BRAC Sign Two-Year Agreement,  
Jan 1/8 p 12

Shopcraft Strike, Chronology of, Jan 22 p 83

Shopcraft Unions Plan New Demands, May 6 p 11

Status of, June 17 p 12

Summary for 1967, Jan 22 p 82

Two More Unions Accept "Pattern" Settlement,  
May 27 p 11

Wages:

Antiquated Working Rules and, Apr 1/8 p 411  
Compensation, Years 1957-67, Jan 22 p 82, p 83\*  
Hourly Rate and Earnings, Years 1957-67, Jan 22  
p 82

Index of Wage Rates, Years 1957-67, Jan 22 p 84\*;  
Years 1966-67, Apr 1/8 p 46\*

Statistics, Monthly, 1966-67, Feb 19 p 38\*; Mar  
11 p 35\*; Apr 1/8 p 48\*; May 20 p 34\*; 1966-68,  
June 24 p 78\*

Employment Index, Years 1966-67, Feb 5 p 39\*

Endevco Corp.: Environment Recorder, Feb 12 p 30\*

Engineering, RR: The View from DOT, Apr 15 p 28\*

Environment Recorder; Endevco, Feb 12 p 30\*

Equipment Financing and Leasing:

"Back-to-Back" Plan of Pullman's Transport  
Leasing Div. Successful, Jan 15 p 34

GATC Enters Field of, Jan 22 p 128; May 6 p 7

Interpool, Inc., to Lease Containers, Jan 29 p 7\*;  
Feb 26 p 34

New Jersey to Lease Locomotives for CNJ, Apr 15  
p 7

Procurement Named P-S Lessor for Canada, Apr 15 p 44

Transport Leasing Expands in the Tank-Car Field,  
May 27 p 7

Erie Lackawanna:

Auto Terminal Near Mt. Pocono, May 27 p 80

Joins N&W System, Jan 22 p 8; Feb 19 p 14; Apr 15  
p 12

Joint Operation with CR&P, Apr 22 p 12

Plans Major Track Upgrading, June 24 p 7

To Sell Weehawken Terminal to Seaboard Lines,  
June 17 p 7

TOFC Terminal in Cleveland, Jan 22 p 128

Escanaba & Lake Superior, CMStP&P and C&NW Ask  
Sale of, Mar 18 p 12

Europe:

Automatic Coupler Developed in, Jan 15 p 38†

Railway Age Transit Tour, Mar 4 p 7; May 20 p 11\*

Evans Products Co.:

50 Years of Damage Prevention, Mar 25 p 46\*

Gondola Bulkhead, Mar 25 p 49\*

To Cease Building General Service Freight Cars,  
Apr 20 p 11, p 41; May 20 p 7

To Convert Property to Industrial Park, May 20 p 7

Exhibits:

Combined Railroad Track Exhibit Cancelled, May  
13 p 11

Railway Engineering-Maintenance Suppliers Assn.:

List of Exhibitors, Mar 18 p 32; Exhibit, Mar 25  
p 8

## F

Fabric Fire Hose Co.: All-Purpose Hose, Jan 1/8  
p 31\*

Fairmont Ry. Motors, Inc.:

Tie Remover, Apr 15 p 38\*

Tie Shear, Mar 18 p 35\*

Fares (See Passenger Fares)

Farr Co.: Diesel Fueling Filter, June 3 p 32

Featherbedding (See Working Rules and Agreements)

Fiberglass Hatch Covers for N&W Hopper Cars, Apr  
29 p 43\*

Fiberglass, Molded; Molded Fiber Glass Body Co.,  
May 20 p 32

Film, Bonding: United Shoe Machy., Jan 1/8 p 31\*

Filter, Diesel Fueling; Farr, June 3 p 32

Firestone Tire & Rubber Co.: Reticulated Foam, Feb  
5 p 41

Floodlight; Pyle-National Mar 11 p 26

Floorclip; Townsend, Mar 25 p 63\*

Florida East Coast: Use of Right of Way for Trans-  
it Purposes Studied, June 3 p 15

Florida Sets Up Transportation Bureau, Feb 5 p 21

Foam, Reticulated; Firestone Tire & Rubber, Feb 5  
p 41

Food Trains, Unit; A. T. Kearney & Co. Study of, Apr  
22 p 18\*

Ford Motor Co. Interested in Auto-on-Train Project,  
Feb 19 p 8; Apr 22 p 21

Fostoria-Fanon: Loading Light, Apr 29 p 75\*

Freight Car Loading: (See also Freight Handling)

Cars of Revenue Freight Loaded by Commodity,  
1966-67, Feb 19 p 38\*

Estimate for 1968, Jan 22 p 38\*

Piggyback (See Trailer-on-Flat-Car Service)

Shippers' Estimate, First Quarter, Jan 29 p 46\*;

Second Quarter, Apr 1/8 p 11; Apr 15 p 41, p 42\*

Ton-Miles Generated by (See Ton-Miles)

Weekly Reports, Jan 1/8 p 35; Jan 15 p 33; Jan 22  
p 127; Jan 20 p 45; Feb 5 p 37; Feb 12 p 37; Feb  
19 p 27; Mar 4 p 33; Mar 11 p 33; Mar 18 p 61;  
Mar 25 p 69; Apr 1/8 p 45; Apr 22 p 33; Apr 29  
p 79; May 6 p 33; May 13 p 46; May 20 p 33; May  
27 p 69; June 10 p 33; June 17 p 33; June 24 p 75

Years 1937-67, Jan 22 p 78\*

Freight Forwarders: Selected Statistics, 1966-67, Feb  
16 p 55\*; June 3 p 43\*

Freight Handling:

50 Years of Damage Prevention, Mar 25 p 46\*

Huge Flat Car Hauls Jetliner Parts, Jan 20 p 30\*

## Freight Handling: (Continued)

Large Chemical Equipment; LV, Mar 11 p 12\*

Loading Methods Get a Sharp Look, Mar 25 p 40\*

USI Tinplate Loading Study, Mar 25 p 43\*

Freight Services (See Rates, Freight)

Freight Services:

AT&SF 40-Hour Chicago-West Coast Premium

TOFC/COFC Train, Jan 29 p 27\*; Feb 19 p 27;

Mar 4 p 40\*

Freight Car Directory: C&O/B&O, May 13 p 7

Freight Service Centers, S.C. Lines, Feb 26 p 13

Joint EL-CR&P Operations, Apr 22 p 12

Power Pools Avoid Terminal Delays, Feb 19 p 18\*

Produce Shippers Seek Action Against Eastern RRs

for Poor Service, Feb 26 p 7\*

Rfts Must Measure Quality as Customers Do - by

Car Performance, June 10 p 25\*

RSMA Seminar on, June 10 p 25\*

Saves Illinois Corn Crop, Jan 29 p 28\*

Southern Ry. Branch Lines to be Served by Travel-  
ing Freight Agents, May 13 p 7

Freight Traffic:

Livestock; Do the Rfts Want to Let It Down the

Drain? Jan 1/8 p 38\*

RSMA Waste Management Seminar, June 24 p 8

Outlook for 1968, Jan 22 p 37\*

Freight Train Performance: Years 1925-1967, Jan 22  
p 78\*

FreightMaster Installs 50,000th Cushioning Unit, Mar  
25 p 92\*

French National Rys. Order U. S. Computers, Feb 12  
p 40

Fruhauf Corp. Acquires PACECO, Inc., Jan 1/8 p 36;

June 10 p 36

Fruhauf-Fischbach Automation, Inc., Formed, Jan 22  
p 128

Fruit Growers Express to Spend \$25 Million, Jan 1/8  
p 12

Full Crew Laws: Changes in 1967, Jan 22 p 88

Future of the Railways:

As the Editor Sees It, Jan 1/8 p 21

Boyd, Alan, Interviewed, on, Feb 5 p 16\*, p 21

Bretter, Pierre, on, Mar 11 p 8

It's Been a Long Hard Winter, But-, Apr 15 p 46†

Langdon, J., Jr.: A Critical View, Apr 1/8 p 8

Long View on, Jan 22 p 91; Apr 15 p 24; May 13 p 37

Outlook for 1968, Jan 22 p 37\*; May 20 p 11

Projections, Long-Range, Feb 5 p 34 (1970); Mar 11  
p 18 (1975); May 13 p 37 (1968); May 20 p 12 (1980)

Rfts Key Element in U. S. Growth, May 27 p 58

Wall Street View of, Mar 11 p 8

## G

Gardner Eng.: Power Supply, Feb 12 p 30

Gate, Crossing: WABC Signal & Communications  
Div., June 3 p 32\*

General American Transportation Corp.:

Aircraft Leasing Business, May 6 p 7

Enter Equipment Financing Field, Jan 22 p 128;

May 6 p 5

Tank Car Repair Service Expanded, June 24 p 7

To Cease Building General Service Freight Cars,  
Apr 29 p 11, p 41

Wheel-Rail Study, DOT Contract for, Mar 18 p 64

General Electric Co.:

AT&SF 3000-Hp. USOCG Dual-Purpose Locomotives  
of Modified Cabody Design, Jan 1/8 p 24\*

Floodlight Lamp, Feb 5 p 41\*

Fluorescent Lamps, June 3 p 32\*

Light Bulb with Translucent Coating, Apr 1/8 p 40\*

Locomotive, Electric; First to be Powered by Com-  
mercial Frequency, June 10 p 9

Locomotives, 2250-Hp. U23B and U23C, June 3 p 27\*

Tenth Anniversary of Transit Magazine, May 6 p 36

General Motors Corp.: Electro-Motive Div.: AT&SF

3600-Hp. FP-45 Dual-Purpose Locomotives of

Modified Cabody Design, Jan 1/8 p 24\*

General Radio Co.: Radio-Frequency Bridge, Apr 22  
p 31\*

General Ry. Signal Co.: Cab Signaling and Automatic  
Speed Control Equipment; CTAC, May 6 p 24\*

General Steel Ind., Inc.: Air Springs, May 6 p 38\*

Georgia RR: C. R. Lapeza Named President, June 17  
p 17

Germany: First All-Container Train, Apr 15 p 7

Gewick, Ben C., Co. Awarded Concrete Tie Contract  
by BARTD, Jan 1/8 p 7

Golden Spike Centennial; Interview with T. M. Good-  
fellow, Mar 25 p 52\*, p 60; May 6 p 29; June 10  
p 321

Gourmet Railroading, Feb 19 p 27†

Government Outlays for Transportation in 1968, May  
20 p 8; June 17 p 34\*

Government Participation in RR Improvement Seems  
Inevitable, Feb 12 p 8

Grade Crossings (See Crossings, Highway Grade)

Grading, Rfts Seek Amortization Guidelines for, Jan 22  
p 57

Grain Movement:

Fast Service Saves Illinois Corn Crop, Jan 29 p 28\*

IC Rent-a-Train Plan Opposed, Jan 22 p 128; Case  
for, May 6 p 8

Test Train Moves Over GN, Apr 22 p 12

Grain Rate Cut Proposed by CMStP&P, Jan 29 p 7

Grand Trunk Western:

Car Ferry, Third, to Add Fleet, Mar 11 p 36

Commuter Traffic Increasing, Feb 12 p 7; Mar 13  
p 48

Microwave Replaces Wires, Mar 11 p 22

Radio Tower Will Permit Car Ferries to Maintain  
Communications, Feb 26 p 56

Ticket Office Opened in Chicago, Mar 11 p 36

Great Britain: Mail Handling by Underground RR, June  
3 p 20\*

Great Northern:

Export-Import Trade with Japan, Jan 1/8 p 30\*

Instant Reservation Information, Feb 5 p 7

Libby Dam Line-Change, May 13 p 40\*

Merger with NP-CB&Q, Jan 15 p 10; Jan 22 p 12;

Feb 12 p 12; Feb 19 p 14; Mar 4 p 36; Mar 25  
p 11; Apr 1/8 p 12; Apr 29 p 11; June 10 p 8

Years 1937-67, Jan 22 p 78\*

Freight Forwarders: Selected Statistics, 1966-67, Feb  
16 p 55\*; June 3 p 43\*

Freight Handling:

50 Years of Damage Prevention, Mar 25 p 46\*

Huge Flat Car Hauls Jetliner Parts, Jan 20 p 30\*

## Great Northern: (Continued)

Stores Functions Reorganized, Feb 5 p 42

Terminal Performance Control, June 17 p 18\*

Ticket System Saves Money, June 3 p 40

Tunnel, Second Largest in Western Hemisphere, Be-  
ing Built, May 13 p 40\*

Unit Grain Train, June 10 p 36\*

Wheat Train, Experimental, Apr 22 p 12

Greenhill Steel Co.: Penn Central Coil-Steel Car  
Cars for Hot Lading, Feb 26 p 36\*

Griffin Wheel Co. to Install Air Filtration System, Feb  
19 p 7

Grove Mfg. Co.: Hydraulic Crane, Mar 4 p 28\*

Gulf, Mobile & Ohio:

Plans to Merge with IC, Jan 1/8 p 15; Apr 15 p 7;

May 20 p 11

Route-Setting for Paper Mill Trains, Mar 11 p 18\*

Saves Illinois Corn Crop, Jan 29 p 28\*

Gus Weitz's Lines on Labor, Jan 1/8 p 15; Jan 15 p 10;

Jan 22 p 14; Jan 26 p 12; Feb 5 p 15; Feb 12 p 12;

Feb 19 p 14; Feb 26 p 13; Mar 4 p 13; Mar 11 p 12;

Mar 18 p 12; Mar 25 p 12; Apr 1/8 p 13; Apr 18 p 12;

Apr 25 p 12; May 6 p 12; May 13 p 12; May 20 p 12;

May 27 p 12; June 3 p 12; June 10 p 12

June 17 p 12; June 24 p 12

## H

Harnischfeger Corp.: Shop Power Supplies, June 3  
p 32\*

Harrison Safety Awards Program Expanded, May 20  
p 36

Hawker Siddeley Canada Ltd.: Bulkmaster Coal Car,  
Mar 11 p 12\*

Hayes Track Appliance Co.: Blue-Flag Motorized

Protection Device, Mar 18 p 38\*

Health and Welfare Insurance Plan, National, Set up  
for RR Employees, Jan 15 p 9

Heaters, Dock: Copperloy, Feb 19 p 36\*

Hennedy Prod.: Dock Mover, June 24 p 70\*

Hewlett Packard Instrument Cases, Apr 1/8 p 40\*

High Speed Ground Transportation Act, DOT Seeks

Extension of, Mar 25 p 62

High-Speed Ground Transportation: Northeast Corridor  
Project (See Northeast Corridor Project)

Hose, All-Purpose; Fabric Fire Hose, Jan 1/8 p 31\*

Hotbox Statistics:

Monthly, 1966-67, Feb 5 p 38\*; Mar 4 p 34\*; Apr 29  
p 81\*

Years 1966-67, Apr 22 p 36\*

Years 1957-67, Jan

International Conference on Urban Transportation Held in Pittsburgh, Feb 5 p 32\*; Mar 4 p 7; Mar 18 p 7  
Interpool, Inc., to Lease Containers, Jan 29 p 7\*; Feb 26 p 34  
Interstate Commerce Act: ICC Moving to Tidy Up, Jan 1/8 p 8; Jan 29 p 39  
Interstate Commerce Commission:  
Alton & Southern Joint Control Approved, Mar 11 p 27; Apr 29 p 7  
Annual Report, Jan 1/8 p 8  
Appliances, Suspends Higher Rates on, Mar 11 p 7  
AT&SF Allowed to Drop "Chief"; Must Continue "Grand Canyon", May 27 p 87  
Bulk Commodity Exemption Deregulation Ruling Postponed a Year, June 17 p 27; June 24 p 7  
Bust of J. Monroe Johnson Given to, May 13 p 48  
Car Supply Probe, Examiner Advises Discontinuance of, Jan 29 p 11  
Chairman, Presidentially-Appointed, Suggested, Apr 15 p 17  
C&NW-C&G Merger, Feb 5 p 40; Feb 12 p 12; Feb 26 p 12; Apr 29 p 11; June 17 p 11; June 24 p 78  
C&NW-CMS&P Merger Case, Jan 22 p 12  
C&NW-Merger Case, Feb 12 p 12  
CR&P Merger Case, Feb 28 p 56; Apr 29 p 35; May 6 p 7; May 20 p 23; June 17 p 11  
Cost Evidence Case, Jan 22 p 90; June 3 p 22  
Crony - or Procrastinator?, May 20 p 23; May 27 p 93\*  
GN-C&B Merger Case, Jan 15 p 10; Jan 22 p 12; Feb 12 p 12; Feb 19 p 14; Mar 4 p 36; Mar 26 p 11; Apr 1/8 p 12; Apr 29 p 11; May 20 p 11; June 10 p 8  
Income Account, Changes in, Apr 1/8 p 34  
Ingot Molds Case, Supreme Court Upholds ICC Decision in, June 24 p 53  
NYC-PRR Merger Consummated, Jan 22 p 8, p 12, p 132\*\*  
N&W-C&O Merger, Apr 15 p 12; June 17 p 36  
N&W System, Inclusion of E-L, D&H and B&M in, Upheld by Supreme Court, Jan 22 p 8; Feb 19 p 14; E-L Joins, Apr 15 p 12; May 13 p 11; June 3 p 7; June 10 p 7  
Passenger Service, Examiner Messer's Report on, Apr 29 p 35, p 48\*; May 6 p 7, p 11, p 30, p 40†; May 27 p 66†, p 87, p 93†  
Passenger Service Problem Referred to Congress, June 10 p 13  
Per Diem, Incentive, New Study of, Jan 15 p 7, p 35  
Per Diem, Time-Mileage Basis for, Feb 5 p 12; Feb 12 p 12; RR's File Suit Against, Mar 4 p 12  
REA Express Terminal Areas Case, Jan 29 p 42  
RRs Seek Another Rate Increase (Ex Parte No. 259), Mar 4 p 13; Mar 11 p 13; Mar 18 p 11, p 27; Apr 1/8 p 11, p 41†; Apr 22 p 9; Apr 29 p 7; May 27 p 7, p 55; June 3 p 9; June 17 p 36; 3% Interim Increase Allowed, June 24 p 11  
Rate Increase Case (Ex Parte 256), Jan 22 p 80; Final Decision, Feb 19 p 12; Feb 26 p 37  
SP Seeks to Drop "Sunset Limited", June 3 p 12; June 24 p 78  
SP "Sunset Limited" Operations, Examiner's Report on, Apr 29 p 48  
Tennessee Central Abandonment Authorized, May 13 p 12  
Train Discontinuances, Seeks More Power to Deal with, Jan 22 p 108  
Train Discontinuances, Survey of, Apr 1/8 p 32  
Waybill Project, May Drop, Jan 15 p 7; Feb 5 p 29  
Investment Process, Role of Research and Development in, Mar 4 p 23  
Investor, What RR's Can Do for the, Apr 15 p 17

## J

Job Protection of Employees of Competing Roads in Merger Cases; Court Ruling, Feb 5 p 40; Feb 12 p 12  
Journal Roller Bearing; American Koyo, Feb 12 p 30\*

## K

Kalamazoo Mfg. Co.: On/Off Track Brush Cutter, Mar 18 p 37\*  
Kansas City Airport Access Studied, May 6 p 23  
Kansas City Terminal: V. E. Coe-Named President, Mar 18 p 40  
Kearney, A. T. & Co.: "Minipiggy" Trains for Mail Service, Mar 11 p 19  
Study of Unit Food Trains, Apr 22 p 18\*  
Kentucky & Indiana Terminal: NSC Safety Award, May 27 p 92  
Keystone Ry. Equip. Co.: Single-Action Unit Cushioning, Mar 25 p 49\*

## L

LCL Shipments, B&A to Curtail, May 13 p 12  
LCL Traffic, Hope for Resurgency in, Feb 12 p 35†  
LTL Potential for TOFC, May 27 p 30  
LTL Shipments; Motor Truckers Warned by ICC That Reluctance to Handle Could be Alleviated by Easing Restrictions on RR's, May 27 p 58  
Labor-Management Relations:  
Agreement on Legislation to Liberalize Retirement and Unemployment Benefits, Jan 22 p 88; Feb 19 p 42; Mar 4 p 7  
BLF&E and O&P&EU, June 10 p 12  
CN-Unions Hold Conference, Mar 25 p 92  
Creativity Offers Best Hope for Employment, Feb 26 p 13  
Do Labor and Management Really Know Each Other?, Feb 19 p 44†  
How to Bridge the Credibility Gap, Mar 4 p 13  
Inflexibility of Unions and Management, Apr 29 p 12  
Is Peace Possible in, Feb 12 p 26\*  
Monument Inscribed "He Never Saw Why", Jan 18 p 15

Labor-Management Relations: (Continued)  
Outlook for, Jan 22 p 66  
Predictions for 1968, Jan 15 p 10  
Railroad Management Institute Forum, Feb 12 p 26\*  
State of the Union Message Has Nothing to Say on Strikes in Vital Industries, Jan 29 p 12  
Strange and Wondrous Thing, May 13 p 12  
"Summit" Talks Between RLEA and AAR, Jan 22 p 14; Feb 5 p 7; Feb 19 p 14, p 44†; Mar 4 p 12; Mar 18 p 12; Apr 22 p 9  
Labor Unions:  
Rivalry May Develop for ACI Representation, Jan 15 p 12; Feb 19 p 40  
Short-Sighted in Forcing Employment of Unneeded Men, Mar 11 p 13  
Should Support Positive Programs of RR Industry, June 3 p 12  
"Summit" Talks with Management, Jan 22 p 14; Feb 5 p 7; Feb 19 p 14, p 44†; Mar 4 p 12; Mar 18 p 12; Apr 22 p 9  
Will Labor Help the Railroads "Carry the Freight?", Mar 4 p 40†  
Lake Superior & Ishpeming: GE 2250-Hp. U23C Diesel Locomotives, June 3 p 27\*  
Lamp, Floodlight; Gen. Elec., Feb 5 p 41\*  
Lamps, Fluorescent; Gen. Elec., June 3 p 32\*  
Lantern Gear; Central Steel Tool, Jan 26 p 37\*  
Legislative Activity in 1967, Jan 22 p 87  
Legislative Outlook for RR's in 1968, Jan 22 p 57  
Lehigh Locomotive: Cryogenic Heat Exchangers Handled by, Mar 11 p 12\*  
Lenkurt Elec. Co., Inc.: Radio Multiplex, May 6 p 38\*  
Light-Route Radio, May 20 p 32\*  
Libby-Owens-Ford Co., Aeroplug Corp. to Merge with, June 3 p 44  
Lift Trucks (See Trucks, Industrial)  
Light Bulb with Translucent Coating; Gen. Elec., Apr 1/8 p 40\*  
Lights:  
Floodlight; Pyle-National, Mar 11 p 26  
Loading; Fostoria-Fannon, Apr 29 p 75\*  
Linde Div., Union Carbide Corp.:  
Method of Building Up Rail Ends, Jan 10 p 21\*  
Polarstrream Liquid-Nitrogen System Refined, Jan 15 p 18\*  
Lines on Labor, Jan 1/8 p 15; Jan 15 p 10; Jan 22 p 14; Jan 29 p 12; Feb 5 p 15; Feb 12 p 12; Feb 19 p 14; Feb 26 p 13; Mar 4 p 13; Mar 11 p 13; Mar 18 p 12; Mar 25 p 12; Apr 1/8 p 12; Apr 15 p 12; Apr 22 p 12; Apr 29 p 12; May 6 p 12; May 13 p 12; May 20 p 12; May 27 p 12; June 3 p 12; June 10 p 12; June 17 p 12; June 24 p 12  
Lining, Plastic; Lum Luminates, May 27 p 84  
Link Presence Detector, Mar 25 p 49\*  
Liquid-Nitrogen System Refined by Linde Div., Jan 15 p 18\*  
Livestock Traffic; Do the RR's Want to Let It Go Down the Drain?, Jan 1/8 p 38†  
Loading Equipment:  
Auto Ramp, Feb 26 p 40\*  
CB&Q Gondola Car Equipped to Raise Coil Payload, Apr 1/8 p 48\*  
Gondola Bulkhead, Mar 25 p 49\*  
Side Filler Panels, Jan 29 p 37\*  
Strapping Systems, Mar 25 p 63\*  
Tie-Down Systems (See Tie-Down Systems)  
Loading Rules, AAR, Shippers' Views on, June 24 p 40  
Locomotive Pooling Avoide Terminal Delays, Feb 19 p 18\*  
Locomotive Simulators; RR's Look to New Training Tool, June 24 p 56\*  
Locomotive Supply:  
Installations in 1967, Apr 22 p 33  
Installations, Years 1957-67, Jan 22 p 87; Apr 15 p 42\*  
On Order, Jan 1, 1968, Apr 22 p 33  
Orders in 1967, Jan 22 p 99  
Ownership, Jan 1, 1968, Apr 15 p 41  
Ownership, Years 1957-67, Jan 22 p 87  
Trend is Up After Off Year, Jan 22 p 48\*

## Locomotives:

Diesel-Electric:  
Alco Computer Simulation Program Aids in Selection and Application of, Apr 22 p 26\*  
AT&SF Dual-Purpose Units of Modified Carboddy Design (EMD 3800-Hp. FP-45 Type and GE 3000-Hp. U30CG Type), Jan 1/8 p 24\*  
LS&I 2250-Hp. U23C, June 3 p 27\*  
Trend is Up After Off Year, Jan 22 p 48\*  
Diesel-Hydraulic; SP Retiring German Units, Feb 26 p 12\*  
Electric: First to be Powered by Commercial Frequency Exhibited by GE, June 10 p 9  
Remote Control Operation:  
CPR Tests, Jan 1/8 p 36  
Developments in, Jan 22 p 50  
Stein; UP Owns Last Serviceable Unit, Apr 15 p 7  
Los Angeles Terminal Developments, Mar 18 p 43; June 3 p 18  
Loss and Damage:  
Cameras Aid in Preventing, Mar 25 p 40\*  
Campaigns: Time to Regroup Forces?, Mar 25 p 56†  
50 Years of Damage Prevention; Evans Prod. Co., Mar 25 p 46\*  
How to Get Out of the Junk Trade, May 27 p 8  
Investigation and Claim Control Division, Work of; IC, Mar 25 p 42\*  
Loading Methods Get a Sharp Look, Mar 25 p 40\*  
Needed: Straight Thinking on, Apr 15 p 8  
New Weapons in the War on, Mar 25 p 49\*  
Payments; Monthly, 1966-67, Feb 5 p 38\*  
Payments in 1967, Mar 25 p 40; Years 1957-67, p 90\*; Apr 1/8 p 41†  
Radar Reduces Yard Impacts, Mar 25 p 41\*  
Reading Philosophy: Talking to Shippers, Mar 25 p 42  
Shippers' Current Experience with, Mar 25 p 45  
Tariffs to Cut Damage to Perishables Suggested, Mar 25 p 39  
USG Studies Loading Protection for Tinplate, Mar 25 p 43\*

\*Illustrated; †Editorial; ‡Letters from Readers

Louisville & Nashville:  
Agreement with ORC&B on Crew Consist, Radio Issues, June 10 p 9  
Intermodal Service for Bulk Commodities, June 3 p 11\*  
Meeting with BLE, Apr 29 p 12  
Merger with Monon Planned, Apr 1/8 p 12  
NSC Safety Award, May 27 p 92  
To Enter Chicago Via C&EI, Mar 18 p 11  
Luna, Charles: A Time for Words and a Time for Silence, June 24 p 82†  
Lunn Laminates, Inc.: Plastic Lining, May 27 p 84

## M

MacLean-Fogg Lock Nut Co.: Tie-Down Systems, Mar 25 p 48\*; June 24 p 70\*  
Major Railcar Div.: Car Building Outlook, Apr 29 p 42  
Mail Service:  
Can Transit Move the Mail?, June 3 p 20\*  
Containers Speed Overseas Service, June 22 p 7  
Flight from Rail to Air, June 15 p 9  
London Underground Railway, June 3 p 20\*  
"Minipiggy" Train for, Mar 11 p 19  
"Minipiggy" Trains Carrying Mail, 1930-67, Feb 12 p 39\*  
Ride in 1905 and Airlines Today, Feb 12 p 19; Mar 4 p 7; Mar 11 p 38†  
Rfts Need the Post Office - and It Needs the RRs, Apr 29 p 84†  
RSMA Seminar on, Mar 11 p 18\*  
What RRs Must Do to Keep, Mar 11 p 18\*  
Mail Service Cancellations; Intercity Passenger Train Discontinued Because of, Feb 26 p 56; Mar 4 p 7  
Maine Central:  
Everything's Up Except Profits, Apr 15 p 44  
Tonnage Heavy, Revenue Low, May 13 p 7  
Maintenance Expenditures, 1966-67, Apr 22 p 35\*  
Maintenance of Equipment:  
How SCL Mapped Equipment Changes, Jan 15 p 26\*  
Improved Products Will Cut Costs, Feb 12 p 34\*  
SEARCH Locomotive Test System Ordered by AT&SF, Mar 18 p 61  
Trailer Train Cars, June 24 p 34\*  
Maintenance of Way:  
Heavier Car Loads Put New Pressure on, Mar 18 p 28\*  
Review of 1967; Outlook for 1968, Jan 22 p 72\*  
Scientific Method for Allocating Funds Needed, Mar 18 p 66†  
Maintenance of Way Equipment: New Machines and Improvements, Jan 22 p 78  
Management:  
Inability to Communicate with Employees, Mar 4 p 13  
"Summit" Talks with Unions, Jan 22 p 14; Feb 5 p 7; Feb 19 p 14, p 44†; Mar 4 p 12; Mar 18 p 12; Apr 22 p 9  
Market Analysis of Northeast Corridor Traffic Potential, May 20 p 24\*; June 3 p 38; June 10 p 321  
Market Outlook, Jan 1/8 p 35; Jan 15 p 33; Jan 22 p 12; Jan 29 p 45; Feb 5 p 37; Feb 12 p 37; Feb 19 p 37; Feb 26 p 53; Mar 4 p 33; Mar 11 p 33; Mar 18 p 61; Mar 25 p 89; Apr 1/8 p 45; Apr 15 p 41; Apr 22 p 33; Apr 29 p 79; May 6 p 33; May 13 p 45; May 20 p 33; May 27 p 89; June 3 p 41; June 10 p 33; June 17 p 33; June 24 p 75  
Marketing:  
Rfts Must Measure Freight Service Quality as Customers Do - by Car Performance, June 10 p 25\*  
Strides Rfts Have Made in, Apr 15 p 25  
Marketing Coordinators; Mason and Dixon Lines, Apr 22 p 7  
Marketing/Sales Dept.; C&NW, June 24 p 44\*  
Markets:  
Commuter and Transit Car, Jan 1/8 p 17  
Mass Transit; Neither Boom nor Bust, Jan 1/8 p 40†  
Trailer, May 27 p 34  
Marketing System; Rohm and Haas, Jan 1/8 p 31  
Maryland Governor Backs State Aid for Transit, Apr 1/8 p 7  
Mass Transit: (See also Passenger Service; Suburban Service; Subways, and following places)  
Atlanta New York City  
Baltimore New York State  
Calgary Northeast Corridor  
Carcasas Philadelphia  
Chicago Rotterdam  
Cleveland San Francisco  
Kansas City Seattle  
Los Angeles South Jersey  
Maryland Toronto  
Miami Washington, D. C.  
Minisk  
ATA Rail Transit Group Meeting, May 6 p 22  
Bond Issue, New York State, Governor Seeks Funds from, Jan 1/8 p 18; How It Was Sold to Voters, Mar 4 p 18\*; Mar 11 p 15; Award to Gov. Rockefeller, Mar 18 p 7  
Boyd, A. S., Gives Brief Mention to, June 17 p 12  
Can Transit Move the Mail?, June 3 p 20\*  
Capital Expenditure Estimates for Signaling in 1968, Jan 22 p 70  
Cities Large Enough for, Alan Boyd on, Feb 5 p 17, p 44†  
Federal Aid, Outlook for, Jan 1/8 p 17  
Federal Program; Sen. Allott on, Feb 5 p 19\*  
Free Transit, Poll on, Mar 4 p 24  
High-Speed Tube Train Studied, June 3 p 7  
HUD Seeks Authorization for Fiscal 1970 Program, Feb 5 p 9  
If Tashkent Why Not St. Louis?, Feb 5 p 44†  
International Conference on Urban Transportation Held in Pittsburgh, Feb 5 p 32\*; Mar 4 p 7; Mar 18 p 7  
Neither Boom nor Bust, Jan 1/8 p 40†  
Out of the Doldrums, May 6 p 22

## RAILWAY AGE—Index

Mass Transit: (Continued)  
 Outlook for 1968, Jan 1/8 p 16\*  
 Pricing of, Feb 5 p 9; Mar 4 p 32†  
 Railways Age European Tour, Mar 4 p 7; May 20  
 p 11\*  
 Seat-Miles as A Factor in Pricing, Feb 5 p 9; Mar  
 4 p 32†  
 What Others Can Learn from BARTD, Apr 1/8 p 26\*  
 Mass Transit Grants Made by HUD, Mar 18 p 12; Apr  
 1/8 p 7  
 Massachusetts Bay Transportation Authority:  
 Extended Agreements with B&M and NYNH&H, Jan  
 1/8 p 7  
 Orders Aluminum Passenger Cars, Jan 1/8 p 7,  
 p 35  
 Material Price Index: Years 1957-67, Jan 22 p 84\*;  
 Years 1960-67, Apr 1/8 p 46\*; April 1965-68,  
 June 17 p 35\*  
 Materials Handling:  
 How the AT&SF Uses, May 13 p 24\*  
 RR's Get a Hand from M/H Gear, May 13 p 22\*  
 Materials Handling Show, May 13 p 24  
 Maxson Corp.; New Name of St. Paul Foundry & Mfg.  
 Co., Feb 26 p 48  
 Meal Service:  
 CB&Q Tests "Eat-at-Seat" Plan, Jan 29 p 7  
 Penn Central Plans Airline-Style, May 6 p 7  
 Measuring Devices, Sonic; C. S. Stevens, Jan 15 p 21\*;  
 May 13 p 34\*  
 Medicine, RR, Historical Look at, June 17 p 11\*  
 Meetings of Associations, Jan 29 p 33  
 Mergers:  
 ACF Industries - Williams Bros. Plan, June 10 p 7  
 C&NW-CGR Case, May Cleared for, Feb 5 p 40; Feb 12  
 p 12; Feb 26 p 12; Apr 29 p 11; June 17 p 11;  
 June 24 p 78  
 C&NW-CMSP&P Case, Jan 22 p 12  
 CRI&P Case, Feb 12 p 7; Feb 26 p 56; Apr 29 p 35;  
 May 6 p 7, p 30; May 20 p 23; June 17 p 11  
 Disaster in Delays; J. Langdon, Jr., on, Apr 1/8 p 6  
 Effect on Computer Service, Apr 1/8 p 48  
 Fruehauf Corp. Acquires PACECO, Inc., Jan 1/8  
 p 36; June 10 p 36  
 Government's "Policy"; Or Is There One?, June  
 10 p 8  
 GN-NP-CB&Q Case, Jan 15 p 10; Jan 22 p 12; Feb  
 12 p 12; Feb 19 p 14; Mar 4 p 36; Mar 25 p 11;  
 Apr 1/8 p 12; Apr 29 p 11; May 20 p 11; June 10  
 p 8  
 How SCF Mapped Equipment Changes, Jan 15 p 26\*  
 IC-G&O Negotiations, Jan 1/8 p 15; Apr 15 p 7;  
 May 20 p 11  
 Libby-Owens-Ford-Aeroquip Corp., June 3 p 44  
 L&N-Mon Plan, Apr 1/8 p 12  
 National Museum of Transport - Museum of Steam  
 and Marine Engineering Merged, Apr 29 p 82  
 NYC-PRR Consummated, Jan 22 p 8, p 12, p 132\*†  
 N&W-C&O Case, Apr 15 p 12; June 17 p 36  
 N&W System, Inclusion of E-L, D&H and B&M in,  
 Upheld by Supreme Court, Jan 22 p 8; Feb 19  
 p 14; E-L Joins, Apr 15 p 12; May 13 p 11; June  
 3 p 7; June 10 p 7  
 Number of Transportation Companies in 1965, Apr  
 15 p 25  
 Operating Unions (Except BLE) Favor, Feb 5 p 12\*,  
 p 15; Mar 4 p 13; May 6 p 11  
 Protection of Employees of Competing Roads in  
 Merger Case; Court Ruling, Feb 5 p 40; Feb 12  
 p 12  
 Status at Beginning of 1968, Jan 22 p 89  
 Tentative-Division Plan Proposed by Comm.  
 Tierney, J. on, p 23\*  
 Tiersen, P. J. on, June 22 p 108  
 Union Tank Car-Litton Ind., Plan, June 10 p 7  
 UP-CRI&P-C&NW Case (See CRI&P Case)  
 United States Gymnasium-AMSTED Ind., Jan 15 p 34;  
 Plan Called Off, Apr 29 p 7  
 Westinghouse Air Brake-American Standard Plan,  
 Mar 11 p 7  
 Messer Report (See Passenger Service)  
 Metropolitan Transportation Authority:  
 New York City Urged to Take Over Staten Island  
 Rapid Transit, May 13 p 7  
 Specifications for NYNH&H Cars, Apr 1/8 p 11\*  
 Takes Over NY Subways and Long Island, Mar 4  
 p 18\*; Mar 11 p 15  
 Miami Transit Developments, June 3 p 15  
 Microwaves:  
 CN Seat Reservation System Uses, Mar 11 p 22\*  
 Collins Radio MW-308D, Feb 19 p 36  
 GTW System Replaces Wires, Mar 11 p 22  
 IC to Centralize Dispatching Over, June 10 p 36  
 Installations in 1967, Jan 22 p 95  
 Motorola MR-300, Feb 5 p 41\*  
 Multiplex System; Lenkurt Elec., May 6 p 38\*  
 Multiplex System; Motorola, Jan 1/8 p 31  
 Reflex Klystrons; Varian Associates, Feb 5 p 41  
 SP Completing 760-Mile Line, May 27 p 92  
 Midwest Shippers Advisory Board: Officers, Feb 12  
 p 40  
 Mileage Allowances for Private Cars, AAR Proposes  
 to Give Traffic Officers Jurisdiction Over, Apr 22  
 p 32  
 Mileage Allowances, Tank Car, Status of, Jan 22 p 89  
 Miniski to Get Rapid Transit System, June 3 p 15  
 Missouri-Kansas-Texas: Holding Company Approved  
 by IRS, Jan 15 p 7  
 Missouri Pacific:  
 Drops Request for Investigation to Determine  
 Whether UP is Exercising Control Over IC, Feb  
 26 p 56; May 6 p 7  
 Favors Merger of C&NW-CRI&P, Feb 12 p 7  
 Joint Control of A&S Approved by ICC, Mar 11 p 27;  
 Apr 29 p 7  
 Looking Hard at Merger Prospects, May 27 p 7  
 Seeks Authority to Operate as Air Freight For-  
 warden, Jan 29 p 7  
 Molded Fiber Glass Body Co.:  
 Fiberglass Hatch Covers for N&W Hopper Cars, Apr  
 29 p 43\*  
 Molded Fiberglass, May 20 p 32  
 Monday Morning Report (See page 8 each issue)  
 Monon-L&N Merger Planned, Apr 1/8 p 12

Montreal Locomotive Works: Three-Axle Truck, Feb  
 19 p 36  
 Moore Associates, Inc.: Receiver Voting, Jan 22  
 p 125\*  
 Morrison Ry. Supply Co.: Ballast Doors, Apr 15 p 38\*  
 Motion Picture Issued by Illinois RR, Mar 18 p 7  
 Motor Carriers of Passengers: Selected Statistics;  
 Third Quarter, 1966-67, Mar 4 p 35\*; Fourth  
 Quarter, May 27 p 91\*  
 Motor Truck Operators:  
 Long-Term Outlook, Apr 15 p 34  
 13-Car Auto Rig Tested, June 10 p 40\*†  
 To See Rate Increase, Mar 4 p 13  
 Warned by ICC That Small Shipment Problem  
 Could be Alleviated by Easing Restrictions on  
 RR's, May 27 p 58  
 Motor Truck Tonnage Reports, Jan 1/8 p 36; Jan 15  
 p 34; Jan 22 p 128; Jan 29 p 48; Feb 5 p 40; Feb  
 12 p 40; Feb 19 p 40; Feb 26 p 56; Mar 4 p 36  
 Motor Trucks: 13-Car Auto Rig Tested, June 10  
 p 40\*†  
 Motor Vehicle Shipments by RR, Years 1959-67, Jan  
 22 p 80, p 81\*  
 Motor Vehicle Size and Weight Limits, Bill to Change,  
 Feb 12 p 29\*; Feb 26 p 56; Mar 11 p 40†; Mar 18  
 p 54†; Apr 22 p 12  
 Motorola Communications & Electronics, Inc.:  
 MC-300 Multiplex System, Jan 1/8 p 31  
 Microwave System, Feb 5 p 41\*  
 Radio Timer, June 17 p 38\*  
 Remote Control Console, Apr 1/8 p 40\*  
 Museum of Steam and Marine Engineering Merged  
 with National Museum of Transport, Apr 29 p 82  
 Muskingum Electric RR.: First Electric Locomotive  
 to be Powered by Commercial Frequency, June  
 10 p 9

N

National Association of Railroad Passengers: Num-  
 ber of Intercity Passenger Trains Discontinued  
 Because of Mail Service Cancellations, Feb 26  
 p 58; Mar 4 p 7  
 National Association of Regulatory Utility Commis-  
 sions; New Name of National Association of  
 Railroad and Utilities Commissioners, Jan 22  
 p 128  
 National Castings Div.: Freight Car Truck, Apr 22  
 p 31\*  
 National Coal Policy Report on Coal, Mar 18 p 8  
 National Cylinder Gas Div.: Clearance Measuring De-  
 vice (Scan), Mar 18 p 34B\*; Apr 15 p 22\*  
 National Defense Transportation Day, Jan 22 p 128;  
 Mar 25 p 7  
 National Material Handling Show, May 13 p 24  
 National Museum of Transport:  
 Gets Electric Locomotive from Italy, Mar 18 p 64  
 Museum of Steam and Marine Engineering Merged  
 with, Apr 29 p 82  
 National Railroad Passenger Council Proposed, June  
 17 p 36  
 National Railway Labor Conference:  
 National Health and Welfare Insurance Plan Set Up  
 for RR Employees, Jan 15 p 9  
 Reply to RLEA Five-Point Program, Jan 22 p 14  
 To Move to Washington, Apr 29 p 7  
 Two-Year Agreement with BRAC, Jan 1/8 p 12  
 Wilcox, J. A., Named General Counsel, June 10 p 7  
 National Safety Council:  
 RR Public Safety Award Winners, June 10 p 36  
 RR Safety Contest Winners, May 27 p 92  
 National Transportation Week, Jan 22 p 128; Mar 25  
 p 7; May 6 p 36; May 13 p 52†  
 Neill, R. W., Co.: Dispatcher's Amplifier, Jan 1/8  
 p 31\*  
 Net Income:  
 After-Tax Net Income of Selected Non-Financial  
 Corporations, May 27 p 90\*  
 Change in Accounting Methods Ordered by ICC,  
 Apr 1/8 p 34  
 Estimates for 1968, Jan 22 p 37, p 38\*; Mar 11 p 8  
 First Quarter of 1968, May 27 p 11  
 ICC to Ask New Requirements for Reporting, Jan  
 1/8 p 8  
 Year 1967, Apr 1/8 p 11  
 Years 1955-67, Jan 22 p 76\*, p 77  
 Net Railway Operating Income:  
 First Quarter of 1968, May 27 p 11  
 Year 1967, Apr 1/8 p 11  
 Years, 1963-67, Apr 15 p 43\*  
 Netherlands: Rotterdam Transit System, Jan 1/8 p 22\*  
 New Jersey Master Transportation Plan, Mar 18 p 7  
 New Jersey to Lease Locomotives for CNJ, Apr 15 p 7  
 New Jersey: Transportation Center for Jersey City,  
 Apr 1/8 p 7  
 New Literature, Apr 1/8 p 40; Apr 15 p 38  
 New York Central: (See also Penn Central)  
 Merger with PRR Consummated, Jan 22 p 8, p 12,  
 p 132\*†  
 NTSB Report on Freight Train Collision in New  
 York City, Jan 29 p 12  
 New York City:  
 Concept of a Metropolitan Transportation Center  
 for, Mar 4 p 20\*  
 Urged to Take Over SIRT, May 13 p 7  
 New York City Transit Authority:  
 Cool Air-Conditioned, Jan 1/8 p 19\*  
 Mail Handling Studied, June 3 p 20  
 New York, New Haven & Hartford:  
 Bondholders Oppose Inclusion in Penn Central Sys-  
 tem, Jan 29 p 11\*  
 Cooperative Tests of Diesel Lubricating Oil, June  
 24 p 33\*  
 Loan from Penn Central, Feb 26 p 7\*  
 MBTA Extends Service Agreement with, Jan 1/8 p 7  
 Specifications for New Cars, Apr 1/8 p 11\*  
 TurboTrain Top 170 mph, Jan 1/8 p 7; Dec 26  
 p 12\*; Laminated Windows, Mar 4 p 28\*; Apr  
 1/8 p 7, p 32\*, May 20 p 24\*; June 3 p 38; June  
 10 p 321  
 New York State:  
 Metropolitan Transportation Authority in Operation,  
 Mar 4 p 18\*; Mar 11 p 15

New York State: (Continued)  
 RR's-Unions Back Crossing-Safety Bill; Start Ed-  
 ucational Campaign, Mar 11 p 36  
 Transportation Bond Issue, Governor Seeks Funds  
 from, Jan 1/8 p 18; How It was Sold to Voters,  
 Mar 4 p 18\*; Mar 11 p 15; Award to Gov. Rocke-  
 feller, Mar 18 p 7  
 New York, Susquehanna & Western: Officers Elected,  
 Mar 25 p 68; June 10 p 28  
 Non-Operating Unions:  
 Chronology of Shopcraft Strike, Jan 22 p 83  
 Norfolk & Western:  
 Capital Spending Down in 1968, May 20 p 7  
 Coal Dumping Records, Feb 19 p 7  
 Coal Facility at Sandusky, Jan 15 p 16\*  
 Container Landbridge Train, June 24 p 11  
 Fiberglass Hatch Covers, Apr 29 p 45\*  
 Inclusion of E-L, D&H and B&M in Present System  
 Upheld by Supreme Court, Jan 22 p 8; Feb 19  
 p 14; E-L Joins, Apr 15 p 12; May 13 p 11; June  
 3 p 7; June 10 p 7  
 Merger with C&O, Apr 15 p 12; June 17 p 36  
 To Develop Garden Apartment Complex, Jan 15 p 7  
 Wins Case Involving Mileage Formula for Taxing  
 Rolling Stock, Mar 18 p 27  
 Northeast Corridor Project:  
 Crossing Protection Programs, Apr 22 p 36; June  
 24 p 75  
 Market Analysis of Potential Traffic, May 20 p 24\*;  
 June 3 p 38; June 10 p 321  
 Metroliners, Apr 1/8 p 32\*; May 20 p 24\*; June 3  
 p 38; June 10 p 12, p 321  
 Northwestern University Transportation Center  
 Study Feb 19 p 31  
 PC High-Speed Train Demonstration Project, Apr  
 1/8 p 7, p 32\*; April 22 p 21; May 20 p 24\*; June  
 3 p 38; June 10 p 12, p 321  
 Technical Task Group to Review, Apr 22 p 21; June  
 10 p 12  
 TurboTrain Tops 170 mph, Jan 1/8 p 7; Decor, Feb  
 1/8 p 7, p 32\*; May 20 p 24\*; June 3 p 38; June  
 10 p 321  
 Northern Indiana Public Service Co.: "Largest" Hop-  
 per Cars Delivered to, Feb 5 p 7  
 Northern Pacific:  
 Diversified into Lumber Business, Jan 1/8 p 36  
 ICC Approves Construction of Line to Serve Wahluke  
 Slope Area, Apr 15 p 44  
 Manager of Personnel Development and Retention  
 Appointed, Apr 29 p 83  
 Merger with GN-CB&Q, Jan 15 p 10; Jan 22 p 12;  
 Feb 12 p 12; Feb 19 p 14; Mar 4 p 36; Mar 25  
 p 11; Apr 1/8 p 12; Apr 29 p 11; May 20 p 11;  
 June 10 p 8  
 Telephones to Have 6-Digit Numbering, Feb 12 p 7  
 TOFC/COFC "Tokyo Express", Jan 1/8 p 30\*  
 Northwest Industries, Inc.:  
 Buys Share of Home Insurance Co., May 27 p 7  
 Files Exchange Plan, Jan 15 p 34; Feb 12 p 7  
 Northwestern University Transportation Center:  
 Awarded Research Contract by DOT, Feb 19 p 31  
 Conference on Financial Prospects for Transporta-  
 tion, Apr 15 p 24  
 Fall Management Programs Announced, May 27 p 92  
 O

Oil, Diesel Lubricating; NYNH&H Cooperative Tests,  
 June 24 p 33\*  
 O'Neal Tarpaulin Co.: Dock Enclosure, Feb 19 p 36\*;  
 Dock Seal, Mar 25 p 63\*  
 Ontario Northland Transportation Comm.: First Pre-  
 designed Unit Train, Apr 15 p 7\*  
 Operating Efficiency (See Operating Efficiency)  
 Operating Efficiency:  
 AARS Report on, June 17 p 25  
 AN Terminal Performance Control, June 17 p 18\*  
 GN Ticket System Saves Money, June 3 p 40  
 GM&O Mill Trains Align Own Routes, Mar 11 p 16\*  
 Locomotive Pools Save Money, Feb 19 p 18\*  
 NYNH&H High-Dispersion Oil Tests, June 24 p 33\*  
 Operations Simulation a Valuable New Tool, June 17  
 p 8  
 S&P Mile Costs Compared, Feb 5 p 9; Mar 4 p 33\*  
 Track-Laying Record in Australia, May 20 p 7  
 Trainload vs. Truckload, Mar 4 p 32\*  
 Who Will Speak for Freight RR's, Mar 11 p 40†  
 Operating Studies:  
 New Glass Penn Central, Feb 5 p 24\*  
 Toronto's Total Approach to Transit, June 3 p 18\*,  
 p 48†  
 Operating Unions (Except BLE) Favor Merger, Feb 5  
 p 12\*; p 15; Mar 4 p 13; May 6 p 11  
 Optical Scanning Corp.: Optical Scanner, June 17 p 38\*  
 Order of Railway Conductors & Brakemen:  
 Agreement with L&N on Crew Consist, Radio Issues,  
 June 10 p 9  
 Favors Merger with BRT, BLF&E, SUNA, Feb 5  
 p 12\*; p 15; Mar 4 p 13; May 6 p 11  
 Ordinary Income a New Item in Income Account, Apr  
 1/8 p 34  
 Organization of Railroads:  
 C&NW Accidents and Loss Prevention Dept., Mar  
 25 p 36\*; p 96†  
 C&NW Marketing/Sales Dept., June 24 p 44\*  
 GN Reorganizes Stores Functions, Feb 5 p 42  
 IC Purchasing Dept. Revamped, June 10 p 23\*  
 Osmose Wood Preserving Co.: Internal Treatment of  
 AT&SF Bridge Timbers, Feb 12 p 25  
 Ottawa Steel Prod.: Switching Tractor, Mar 25 p 63\*  
 P  
 PACECO, Inc., Acquired by Fruehauf Corp., Jan 1/8  
 p 36; June 6 p 36  
 Pacific Northwest Advisory Board L&N's Ward Pre-  
 sented to Weyerhaeuser Co., Mar 25 p 7\*  
 Page & Page Auto Loading Ramp, Feb 26 p 40\*  
 Pallet Components; Chippewa Paper Prod., Apr 29  
 p 75\*

Palletizer, Automatic; Beacon Machinery, Jan 29 p 37\*

Pan American Railway Congress:  
Railway Age Plans Tour to, Apr 23 p 7; June 24 p 7  
To Be Held in November, Apr 1/8 p 7

Pan American Railway Congress Assn.: Members Appointed to U.S. National Comm., May 13 p 7

Panels, Side Filler; Unarco, Jan 29 p 37\*

Paragon Bridge & Steel Co.: "Flat Top" Auto Racks, May 27 p 41\*

Parking, Commuter, C&NW Looks at, May 6 p 26\*

Pasenger Business:  
C&O/B&O: Fact vs. Fancy, Jan 29 p 21  
Forecasting Travel Patterns; SCL, Apr 1/8 p 30  
Long Haul to Nowhere?, Apr 1/8 p 28\*, p 43, p 52\*; May 13 p 43\*

Market Analysis of Northeast Corridor Potential, May 20 p 24\*; June 3 p 38\*; June 10 p 32\*

Southern Wants to Stay in the, Apr 29 p 42

Pasenger Fares:  
C&O/B&O Try New System, Apr 29 p 12  
CB&Q Seeks to Raise Commuter Fares, Feb 5 p 40  
Developments in 1967, Jan 22 p 82  
Free Transit, Poll on, Mar 4 p 24  
Reduced, for Overseas Visitors, Feb 19 p 7

Pasenger-Miles:  
Intercity, 1967, Jan 29 p 47\*  
Years 1957-67, Jan 22 p 79  
Years 1957 and 1967, Apr 29 p 81\*

Pasenger Service:  
Autos-on-Trains Project, Ford Motor Co. Interested in, Feb 19 p 21; Apr 22 p 21  
CN "Tempo" Inter-City Service, June 10 p 9\*  
"Executive Club" Cars; CN "Rapido", May 13 p 11\*

Industry-Wide Approach to Problem Suggested by A. S. Lang, Mar 25 p 12

ICC Examiner Messer's Report on, Apr 29 p 35, p 48\*; May 6 p 1, p 11, p 30, p 40; May 27 p 66\*, p 87, p 93\*

ICC Rulings Problem to Congress, June 10 p 13  
Odds Appear to Favor Total Abandonment or Subsidy, Apr 1/8 p 28\*, p 43, p 52\*; May 13 p 43\*

Pernau, R. T., on, May 6 p 29\*

Proposals for, May 13 p 43\*

Real Solution; N. Haswell on, May 6 p 29\*

Suburban Service:  
CN GO Service in Toronto, June 3 p 16\*, p 48\*  
C&NW Looks at Commuter Parking, May 6 p 26\*  
Effect of Mergers on, Apr 1/8 p 46

Tierney, P. J., on Outlook for, Jan 22 p 108; Mar 18 p 50

Train Discontinuances (See Train Discontinuances)

Pasenger Service Deficit: Years 1958-67, Apr 1/8 p 29\*

Pasenger Traffic (See Pasenger Business)

Pasenger Transportation Research Program (See Northeast Corridor Project)

Paxton-Mitchell Co.: Hydraulic Crane with Work Platform, Mar 11 p 26\*

Penn Central:  
Baltimore Renovated Passenger Facilities Dedicated, May 13 p 48\*

Big Four Yard to be Enlarged, May 13 p 45

Cars, Coil-Steel, for Hot Lading, Feb 26 p 36\*

Container Train, Land-Bridge, Proposed, May 6 p 8

First Earnings Statement a Good One, Apr 29 p 11

First Major Merged Operation, Feb 26 p 12

Inclusion of NYNH&H Opposed by Bondholders, Jan 29 p 11\*

Insignia of, Feb 5 p 24\*

Large Car Order Placed, Mar 25 p 7, p 89

Loan to NYNH&H, Feb 26 p 7\*

Meals, Airline-Style, Planned, May 6 p 7

Merger Consummated, Jan 22 p 8, p 12, p 132\*; Feb 5 p 24\*

New Employees Magazine, Apr 22 p 36

New Name for Pennsylvania New York Central Transportation Co., May 13 p 8

Northeast Corridor Project, Jan 1/8 p 7; Apr 1/8 p 7, p 32\*; Apr 22 p 21; May 20 p 24\*; June 3 p 38\*; June 10 p 12, p 32\*

Overhaul Philadelphia Commuter Cars, Feb 26 p 53

Parking Facilities at North Philadelphia to be Improved, Apr 29 p 79

Simplification of Financing Planned, May 13 p 8

"Spirit of St. Louis" to Continue Operation Pending ICC Investigation, Jan 29 p 48

Staff Assignments, Feb 12 p 11, p 32

Symes, J. M., Retires as Director, Mar 18 p 7

To Connect Tracks at Buffalo, Feb 26 p 56

To Use Tax Loss Shelter Money for Diversification Program, Apr 22 p 9

Waynesburg Southern Under Construction, Jan 15 p 11\*; Correction, Mar 18 p 54\*

Yard Merger at Toledo, Mar 11 p 7

Pennsylvania (See Penn Central)

Pennsylvania New York Central Transportation Co. (See Penn Central)

Per Diem:  
Incentive, ICC Launches New Study of, Jan 15 p 7, p 35

Incentive, Senate Commerce Committee to Probe, Jan 15 p 35

Time-Mileage Basis Set for, Feb 5 p 12; Feb 12 p 34; RR File Suit Against, Mar 4 p 12

Perishable Handling:  
Liquid-Nitrogen System Refined by Linde Div., Jan 15 p 18\*

New Tariffs to Cut Damage Suggested, Mar 25 p 39

Rail Movement of Strawberries; USDA Report on, Feb 19 p 40

Philadelphia Broad Street Subway to be Extended, Apr 1/8 p 48; May 6 p 21\*

Philadelphia Planning, Transit Has Key Role in, Mar 4 p 22\*, p 38; Apr 1/8 p 48; May 6 p 21\*

Philadelphia Studies Handling of Mail by Transit, June 3 p 20

Photographic System for Measuring Clearances, Mar 18 p 34B\*; Apr 15 p 22\*

Pipeline Safety Bill Criticized by Sec. Boyd, May 27 p 12; June 3 p 12; June 10 p 36

Pipelines:  
Ammonia, RRAs Uneasy Over Challenge by, May 27 p 7

AT&SF Reaches "Understanding" with, Feb 26 p 7

AT&SF to Build, Jan 1/8 p 36

Coal Slurry, Planned by SP, May 27 p 92

Transportation Revenue and Traffic of, 1966-67, Mar 18 p 63\*

Pittsburgh Holds Third International Conference on Urban Transportation, Feb 5 p 32\*; Mar 4 p 7; Mar 18 p 7

Pittsburgh: PAT Gets Grant for Skybus Development, May 6 p 23

Pittsburgh Plans National Transportation Week Events, May 6 p 36

Planning, Corporate, RSMA Seminar on, Apr 29 p 8

Planning, Transportation, Urged by Alan Boyd, Apr 29 p 12

Piesser American Corp.:

Ballast-Tamping Machine, Mar 18 p 37\*

Track Liner, Automatic, Mar 18 p 35\*

Plastic Roofs and Doors on CB&Q Insulated Box Cars, Apr 22 p 13\*

Platform, Work on Hydraulic Crane; Paxton-Mitchell, Mar 11 p 26

Polarstream Liquid-Nitrogen System Refined by Linde Div., Jan 15 p 19\*

Polyurethane Foam Used in CN Super-Insulated Refrigerator Car, Mar 11 p 15; CB&Q Insulated Box Cars, Apr 22 p 13\*; P-S Insulated Box Cars, June 24 p 58\*

Pooling of Locomotives Avoids Terminal Delays, Feb 19 p 18\*

Poor & Co. to Become Portec, Inc., Apr 1/8 p 7

Port Authority Transit Corporation of Pennsylvania and New Jersey: Staff Appointments, Apr 1/8 p 44

Portec, Inc., New Name of Poor & Co., Apr 1/8 p 7

Port Authority Avoids Terminal Delays, Feb 19 p 18\*

Performed Line Prod. Co.: Reducing Connector, Apr 22 p 31\*

President Johnson's Decision Not to Run Has Little Effect on RRAs, Apr 1/8 p 12

Prewitt Associates: Strain Gauge, Mar 4 p 28

Price Index: Fuel, Material and Supplies, Years 1957-67, Jan 22 p 84\*; Years 1960-67, Apr 1/8 p 46\*; April 1965-68, June 17 p 35\*

Pricing, C. H. Sturgeon on, Feb 5 p 40

Primer, Metal; Diamond Paint, Apr 29 p 75

Problems Requiring Industry-Wide Approach, Mar 25 p 12, p 60

Produce Shippers Seek Action Against Eastern RRAs for Poor Service, Feb 26 p 7

Public Image of the Railroads:

Boyd, Alan, on, Feb 5 p 17

Built on Quality, Jan 29 p 8

Promoted in Campus Seminar, Feb 26 p 8

RRAs Get Tips on Self-Improvement, Apr 1/8 p 48

Shippers Rate Carrier "Images", Jan 29 p 31, p 52\*

Subtle Change in, Feb 19 p 27\*

Survey of Images, May 20 p 17

What Golden Spike Centennial Can Do For, Mar 25 p 52\*, p 60; May 8 p 291; June 10 p 321

Public Relations:

Golden Spike Centennial an Opportunity for RRAs, Mar 25 p 52\*, p 60; May 6 p 291; June 10 p 321

No Field for the Fainthearted, June 17 p 40\*

Shippers Rate Carrier "Images", Jan 29 p 31, p 52\*

Who Knows What the RRAs are Doing?, Apr 22 p 21

Pullman, Inc.:

Executive Changes, Jan 1/8 p 7

Trailmobile Div.: J. M. Gilroy Named President, Jan 1/8 p 7; G. L. Green Named President, Mar 25 p 7

Transport Leasing Div.:

"Back-to-Back" Leasing Successful, Jan 15 p 34

Expands in the Tank Car Field, May 27 p 7

Pullman-Standard:

Cars, Box, with Foamed-in-Place Insulation, June 24 p 38\*

Green, G. L., Named President, Jan 1/8 p 7

Procor Named Lessor for Canada, Apr 15 p 44

SCL "Waffle-Side" Box Cars, Mar 25 p 78

TurboTrains, Jan 1/8 p 7; Feb 19 p 12\*

Mar 4 p 28\*; Apr 1/8 p 7, p 32\*; May 20 p 24\*; June 3 p 38\*; June 10 p 321

Purchases:

Estimate for 1968, Jan 29 p 47\*

Year 1967, May 27 p 65

Years 1957-67, Jan 22 p 77; Jan 29 p 47\*; May 20 p 35\*

Purchases and Stores Men Head for Greater Role in RR Industry, Jan 22 p 46

Purchasing Department Reorganized; IC, June 10 p 23\*

Pyle-National Floodlight, Mar 11 p 26

## Q

Quality Control:

Computers Make True Control Possible, Feb 26 p 42

RR Emphasis Growing, Jan 29 p 8

RRs Must Measure Service Quality as Customers Do by Car Performance, June 10 p 25\*

Quindar Electronics, Inc.:

Scanning System, Jan 22 p 125\*

Supervisory Control System, Apr 15 p 38\*

## R

REA Express:

International Container Service for Small Shipments, Mar 4 p 36

Interpool, Inc., to Lease Containers, Jan 29 p 7\*; Feb 26 p 34

RR Owners Give Up Voting Control, June 17 p 7

\*Illustrated; †Editorial; ‡Letters from Readers

REA Express (Continued)

REALCO:

Equipment Owned by, Jan 22 p 44

Number of Members, Jan 23 p 44

To Build Trailer Shop at Atlanta, Apr 29 p 79

Terminal Areas, ICC Report Clears, Jan 29 p 42

RSP Ry. Equip. Corp. Adds Car Repair Shop, Feb 19 p 15\*

Radar Reduces Yard Impacts; CMSTP&P, Mar 25 p 41\*

Radio:

Antenna; Sinclair Radio Lab., May 27 p 84\*

Installations in 1967, Jan 22 p 95

Light-Route; Lenhart Elec., May 20 p 32\*

Portable; WAECO S&C Div., May 27 p 84\*

Receiver Voting; Moore Associates, Jan 22 p 125\*

Scanning System; Quindar Electronics, Jan 22 p 125\*

Timer; Motorola, June 17 p 38\*

Use of RR in Main Track, 1966, Mar 18 p 29

Use of RR-ORC&B Agreement on, June 10 p 9

Radio-Controlled Locomotive Operation:

GPR Tests, Jan 1/8 p 36

Developments in, Jan 22 p 50

Rail:

Heavier Car Loads Put New Pressure on, Mar 18 p 28\*

Rail Ends Built Up by Weidling, June 10 p 21\*

Renewals, 1921-66, Mar 18 p 30A\*

Renewals, 1957-67; Estimate for 1968, Jan 22 p 73\*

Weight of Rail in Main Track, 1966, Mar 18 p 29

Waisted:

Amount Laid in 1966, Jan 22 p 79

Laying on Waynesburg Southern, Jan 15 p 13\*

Correction, Mar 18 p 54\*

Rail-Barge Partnerships Urged, May 13 p 32

Rail-Highway Brush Cutter; Kalamazoo Mfg., Mar 18 p 37\*

Rail-Highway Service for Bulk Commodities Offered by L&N, June 3 p 11\*

Rail-Highway Station Wagon Equipped for Measuring Clearances, Mar 18 p 34B\*, Apr 15 p 22\*

Rail-Highway Tamper, May 13 p 34\*

Railroad Accessories Corp.: Colorlight Signal, June 10 p 26\*

Railroad Man and What Makes Him Tick, June 24 p 12

Railroad Management Institute Forum on Labor-Management Relations, Feb 12 p 26\*

Railroad Public Relations Assn.: Officers, June 24 p 78

Railroad Retirement Benefits Increased, Jan 22 p 88

Feb 19 p 42; Mar 4 p 7

Railroad Retirement Tax Rate Increased, Jan 22 p 88

Feb 19 p 42

Railroad Unemployment Insurance Benefits Increased, Jan 22 p 88; Feb 19 p 42; Mar 4 p 7

Railway Age:

Index to Volume 163, Apr 29 p 82

Our New Look, Jan 29 p 21

Pan American Tour, Apr 22 p 7; June 24 p 7

Rail Transit Tour of Europe, Mar 4 p 7; May 20 p 11\*

Two-in-One Issues, Mar 25 p 5; June 24 p 5

Railway Bookshelf, Jan 1/8 p 37; Feb 19 p 41; May 27 p 67

Railway Engineering-Maintenance Suppliers Assn.: Exhibit, Mar 25 p 8

List of Exhibitors, Mar 18 p 32

Railway Labor Act: BRT-SUNA Dispute Over Union Shop Issue, Mar 11 p 37

Railway Labor Executives Assn.:

Aaks AAR to Join in Urging Congress to Enact a Safety Law, Apr 29 p 7

Five-Point Program for Management; NRLC Reply, Jan 22 p 14

Leighty, G. E.; Reaction to the Messer Report on Passenger Service, May 6 p 11, p 40

"Summit" Talks with Management, Jan 23 p 14; Feb 5 p 7; Feb 19 p 14, p 44; Mar 4 p 12; Mar 18 p 2

Supports DOT Safety Bill, June 3 p 8

Railway Locomotives and Cars, F. N. Houser Named Editor of, May 6 p 11\*

Railway Maintenance Corp.:

Car Mover, Versatile, Mar 4 p 28\*

Concrete Tie Clip Applicator, Mar 18 p 36\*

Crib Reducer, Feb 12 p 30\*

Spiker, Automatic, with Double-Control Station, Mar 18 p 36\*

Railway Operations in 1967, Jan 22 p 74\*

Railway Progress Institute:

Backs Tax Increase, Spending-Cut, June 17 p 7

Golden Freight Car Awards, June 36

Holman, F., Director of Public Affairs, Mar 4 p 36\*

Membership Gains, Jan 22 p 128

Story of "The New Railroads" Told in Washington, Mar 25 p 7

Urge ICC to Approve Rate Increase, Apr 29 p 7

Railway Supply Assn.: Track Exhibit Cancelled, May 13 p 11

Railway Supply Industry: Half-Way to Success in the Transit Field is No Time to Let Up, Jan 1/8 p 40\*

Mar 4 p 37

Railway Systems and Management Assn.:

Seminar on Corporate Planning, Apr 29 p 8

Seminar on Freight Service, May 13 p 46; June 10 p 25\*

Seminar on Mail Service, Mar 11 p 18\*

Seminar on Waste Management, June 24 p 8

Railweight, Inc.: Seminar on Weighting-in-Motion System, Mar 11 p 7

Ramp, Auto Loading; Page & Page, Feb 26 p 40\*

Rapistan, Inc.: Extendable Conveyors, Mar 25 p 63

Ranier River RR.: R. B. Wachenfeld Elected President, June 17 p 17

Rate Making:

Ingots Molds Case, Supreme Court Upholds ICC Decision in, June 24 p 53

ICC Cost Evidence Case, Jan 22 p 90; June 3 p 22

Pricing; C. H. Sturgeon on, Feb 5 p 40

Rate of Return:

Estimate for 1968, May 27 p 55

First Quarter of 1968, May 27 p 11

## RAILWAY AGE—Index

Rate of Return: (Continued)  
 Net Worth, 1967; RRs and Other Industries Compared, May 20 p 35\*  
 Railroads; Year 1967, Apr 1/8 p 11  
 Railroads; Years 1957-67, Jan 22 p 77; 1960-67, Mar 18 p 63\*  
 Rates, Freight:  
 Appliances, Higher Rates Suspended on, Mar 11 p 7  
 Developments in 1967, Jan 22 p 80  
 Grain Rate Cut Proposed by CMStP&P, Jan 20 p 7  
 ICC Index, Years 1957-67, Jan 22 p 81\*, p 84  
 Joint Rail-Barge, Barge Lines Urged, May 13 p 32  
 Motor Truckers to Seek Increase, Mar 4 p 13  
 RRs Seek Another Increase (Ex Parts No. 259), Mar 4 p 13; Mar 11 p 13; Mar 18 p 11, p 27; Apr 1/8 p 11, p 41; Apr 23 p 9; Apr 29 p 7; May 27 p 7, p 55; June 3 p 7; June 17 p 36; 3% Interim Increase Allowed, June 24 p 11  
 Rate Increase Case (Ex Parte 256), Review of, Jan 22 p 80; Final Decision, Feb 19 p 12; Feb 26 p 37  
 Reading:  
 Car to Promote Bond Sales, May 27 p 92\*  
 Commuter Traffic Increases, Feb 5 p 9  
 Cost of Commuter Cars and Bus Operations Compared, Feb 5 p 9  
 First Quarter Deficit Trimmed, Apr 22 p 36  
 L&N Philosophy, Talking to Shippers, Mar 25 p 42  
 Passenger Traffic at 10-Year High, Jan 22 p 7  
 TRACR Car Control System, June 3 p 39\*  
 Revenues, RRs as, Feb 26 p 8  
 Refrigeration-Heating Units for Trailers and Containers; Transcold, Mar 11 p 26\*  
 Refrigeration System (Liquid-Nitrogen) Refined by Linde Div., Jan 15 p 18\*  
 Regulation, Transport, Called Unrealistic, May 20 p 7  
 Rent-a-Train Plan of IC Opposed, Jan 22 p 128; Case for, May 6 p 8  
 Research: U.S. Dept. of Transportation High-Speed Passenger Transportation Program (See Northeast Corridor Project)  
 Research and Development: Role in the Transportation Investment Process, Mar 4 p 23  
 Reservation Information, Instant; GN, Feb 5 p 7  
 Reservation System; CN, Mar 11 p 22\*  
 Revenue Per Passenger-Mile: Years 1957-67, Jan 22 p 84  
 Revenue Per Ton-Mile:  
 Decline in, Compared with Increase in Consumer Price Index, Years 1957-67, Jan 22 p 81\*, p 85  
 Rail, Air and Truck, Years 1958-67, June 3 p 42\*  
 Years 1957-67, Jan 22 p 81\*, p 84; Years 1958-67, May 6 p 34\*  
 Revenues:  
 Freight:  
 Indexes of ICC Regulated Carriers, 1949-66, May 6 p 35\*  
 Motor Truckers and RRs in 1960, May 20 p 12  
 Passenger: Years 1957 and 1967, Apr 29 p 81\*  
 Revenues and Expenses: Quarterly Figures for Individual Roads, Jan 15 p 28; Apr 29 p 51; June 17 p 28  
 Ridge Tool Co.: Tube Cutter, Mar 11 p 26  
 Riding Qualities of Auto-Train Tested, Jan 22 p 14  
 Right of Way, How to Monopolize a, Apr 22 p 40†  
 Rights of Railroads, Feb 12 p 35†  
 Rigidized Metals: Texturing Process, May 6 p 38  
 Rockefeller, N. A., Letter from, Apr 1/8 p 41†  
 Rohm and Haas: Marking System, Jan 1/8 p 31  
 Roller Bearing Journal; American Koyo, Feb 12 p 30\*  
 Roof, Plastic, on CB&Q Box Car, Apr 22 p 13\*  
 Roscoe, Snyder & Pacific Owns RSP Ry. Equip. Corp., Feb 19 p 15\*  
 Rotterdam Gets a Transit System, Jan 1/8 p 22\*  
 Route-Setting Arrangement for GM&O Paper Mill Trains, Mar 11 p 16\*  
 Rycom Instruments, Inc.:  
 F 8 Voltmeter, Feb 5 p 41\*  
 Printer Control, Mar 11 p 26

## S

Safety:  
 Blue-Flag Motorized Protection Device; Hayes Track Appliance, Mar 18 p 38\*  
 How C&NW Cuts Casualty Losses, Mar 25 p 36\*, p 95†  
 NTSB Recommends Regulations Requiring Emergency Means of Escape from Passenger Cars, Mar 11 p 13  
 "Reappraisal" Asked by NTSB, Jan 29 p 12  
 Recommendations Made to FRA by NTSB, Apr 22 p 8  
 Safety and Health BUI Worries RRs, Mar 25 p 62  
 Safety at Grade Crossings:  
 Accident Prevention Program (G.A.P.P.), Jan 15 p 20  
 NY Railroads and Unions Back Bill; Start Educational Campaign, Mar 11 p 36  
 Programs Undertaken by RRs and Government Groups, Jan 15 p 19\*  
 Study Ordered by NTSB, Jan 22 p 128; Feb 5 p 8  
 Texas RRs, Unions Step Up Drive, Feb 12 p 40  
 Two Things That Could be Done to Improve, Feb 10 p 271  
 Safety Awards:  
 Harrington; Program Expanded, May 20 p 36  
 NSC RR Employees, May 27 p 92  
 NSC RR Public Safety, June 10 p 36  
 Safety Bill Sent to Congress by DOT, Apr 29 p 7; May 6 p 12; May 27 p 12; June 3 p 6, p 12; June 10 p 36  
 Safety Detector Installations in 1967, Jan 22 p 94  
 Safety Law; RLEA Asks AAR to Join in Urging Congress to Enact, Apr 29 p 7  
 St. Louis Car Div. OS&I:  
 Low Bidder on NYCTA Subway Cars, Jan 22 p 7  
 NYCTA Subway Cars, Jan 1/8 p 19\*  
 St. Louis-San Francisco:  
 Civil Rights Suit, Feb 12 p 12  
 Computer Studies Undertaken by Industrial Engineering Dept., June 24 p 60\*

St. Louis-San Francisco: (Continued)  
 Message-Switching Computer Center, Apr 29 p 44\*  
 Photo System for Measuring Clearances, Apr 15 p 22\*  
 St. Paul Foundry & Mfg. Co.:  
 Boeing Canopied Flat Car, Jan 29 p 30\*  
 Name Changed to Maxson Corp., Feb 26 p 48  
 Salvage Removal Unit; Zimmerman Econ., Mar 4 p 28\*  
 San Francisco Bay Area Rapid Transit District:  
 Architectural Design Approved, Jan 1/8 p 9\*  
 Bond Issue Snapped Up, Jan 1/8 p 9  
 Contracts Awarded, Jan 1/8 p 7  
 "The Wonderful Mess on Market Street", Apr 1/8 p 87; Seeks to Drop Trains, June 3 p 13; June 24 p 78  
 Locomotives, German Diesel-Hydraulic, Retired, Feb 26 p 12\*  
 Microwave Line Being Completed, May 27 p 92  
 Seeks to Discontinue "City of San Francisco", Jan 22 p 7  
 TOPS Computer System Now Working, May 27 p 92  
 Wheel Shop at Sacramento, Apr 22 p 7  
 Southern Railways:  
 "Big John" Model Given to Smithsonian Institution, June 3 p 11  
 Branch Lines to be Served by Traveling Freight Agent, May 15 p 7  
 Cars, "Flat Top" Auto Rack, May 27 p 41\*  
 Industrial Land Bought by, Apr 15 p 44  
 Wants to Stay in Passenger Business, Apr 29 p 42  
 Yard Named for Harry DeButts, Apr 15 p 7  
 Speed Regulator; Cardwell Westinghouse, May 20 p 32  
 Spike Driver With or Without Tie Nippers; Tamper, May 13 p 34\*  
 Spiker, Automatic; Double-Control Station; Ry. Maint. Corp., Mar 18 p 36\*  
 Spokane, Portland & Seattle: J. M. Budd Elected President, Jan 29 p 40  
 Springs, Air; General Steel Ind., May 8 p 38\*  
 Stanley Works: Strapping Systems, Mar 25 p 63\*  
 Stanray Corp. Acquires Two Companies, May 13 p 48  
 Staten Island Rapid Transit, New York City Urged to Take Over, May 13 p 7  
 Statistics, Transportation, Forum on, May 20 p 36  
 Steel Co. of Canada: Bulkmaster Coal Car, Mar 11 p 38\*  
 Steel, High-Strength; Bethlehem Steel, Mar 18 p 37  
 Steel Products, Shipments of, 1966-67, Feb 26 p 55\*; First Two Months, 1967-68, Apr 22 p 35\*; Three Months, May 20 p 35\*; Four Months, June 24 p 71\*  
 Steel Shippers Suggest Types of Cars Needed, Mar 18 p 44  
 Stevens, C. W.: Sonic Measuring Devices, Jan 15 p 21\*; May 13 p 34\*  
 Strain Gauge; Prewitt Associates, Mar 4 p 28  
 Strapping Systems; Stanley Works, Mar 25 p 63\*  
 Strawberries, Rail Movement of; USDA Report on, Feb 19 p 40  
 Strikes:  
 BRT Strike Over Crew Concessions Issue, Feb 12 p 11; Feb 19 p 12  
 Office and Professional Employees International Union Strikes Against BLF&E, June 10 p 12  
 Shopcraft, Chronology of, Jan 22 p 83  
 State of the Union Message Has Nothing to Say on Strikes in Vital Industries, Jan 25 p 12  
 Subsidies:  
 Federal Aid Airport Program, May 6 p 30  
 Government Outlays for Transportation in 1968, May 20 p 8; June 17 p 34\*  
 How to Monopolize a Right of Way, Apr 22 p 40†  
 Odds Appear to Favor Passenger Service Abortments - or Subsidy, Apr 1/8 p 28\*, p 43, p 52†; May 13 p 43†  
 RRs Need Airline - and Highway-Type Financing, May 13 p 43†  
 Super-Railroads: Who Pays?, Feb 12 p 8  
 Subways:  
 Broad Street, in Philadelphia, to be Extended, Apr 1/8 p 48  
 Caracas Plans Transit System, Feb 5 p 30\*  
 New Loop Studies in Chicago, June 3 p 15  
 Rotterdam Transit System, Jan 1/8 p 22\*  
 Toronto; New Lines, Feb 5 p 9; June 3 p 16\*, p 48†  
 USSR Plans Tashkent Subway, Feb 5 p 9  
 Super-Railroads: Who Pays?, Feb 12 p 8  
 Switchmen's Union of North America:  
 Favors Merger with BRT, BLF&E, ORC&B, Feb 5 p 12\*, p 15; Mar 4 p 13; May 6 p 11  
 Union Shop Dispute with BRT, Mar 11 p 37  
 Sylvania Electric Products, Inc.:  
 ACI: How KarTrak Works, Apr 22 p 24\*  
 ACI Licensed to Canadian Firm, June 3 p 44  
 CN to Buy ACI Equipment, Feb 12 p 7  
 T  
 TACK-L-HOIST Container Handler, Feb 26 p 40\*  
 Taiaco, Mitsui & Co.: Reusable Container, May 27 p 64\*  
 Tamper, Inc.:  
 On/Off-Track Tamper, May 13 p 34\*  
 Spike Driver With or Without Tie Nippers, May 13 p 34\*  
 TV Indicator System Permits One-Machine Surfacing and Lining, Mar 18 p 38\*  
 Tie Nipper, Mar 18 p 35\*  
 Tamper:  
 Ballast Tamper; Plasser American, Mar 18 p 37\*  
 On/Off Track Tamper, Inc., May 13 p 34\*  
 TV Indicator System Permits One-Machine Surfacing and Lining; Tamper Inc., Mar 18 p 38\*  
 Tank Car Mileage Rates, Status of, Jan 22 p 69  
 Tank Scrubber; Vicjet, Feb 19 p 36\*  
 Taxation: NAW Upheld by Supreme Court in Case Involving Mileage Formula for Taxing Rolling Stock, Mar 18 p 27  
 Taxes, Railroad: First Quarter, 1967-68, June 3 p 76\*  
 Technology, RR; Where Does It Come From, Feb 26 p 60†  
 Telephone and Telegraph Equipment (See Communications Equipment)  
 Telephones to Have 6-Digit Numbering; MP, Feb 12 p 7  
 Television, Closed Circuit:  
 Buyers Guide, Apr 15 p 21  
 RR Uses for, Apr 15 p 18\*  
 System for Use on Tamper, Mar 18 p 38\*  
 Temperature Control, Car; Carrier, Feb 26 p 40\*  
 Tennessee Central to be Abandoned, May 13 p 13  
 Tennessee Valley Railroad Museum: Comment on Railfan's Responsibility to RR Industry, June 3 p 21

Terminal Areas of REA Express Upheld by ICC, Jan 29 p 42\*

Terminal Handling:  
AARS Report on, June 17 p 25

GN Speeds Cars Through Yards, June 17 p 18\*

Terminal Performance Control System; GN, June 17 p 18\*

Terminals:  
Chicago; Consolidation Urged by Mayor Daley, Apr 29 p 82

E-L Auto Terminal Near Mt. Pocono, May 27 p 89

RR-Airline Proposed, Feb 19 p 31

TOFC at Cleveland; E-L, Jan 22 p 128

TOFC/COFC Problems, May 27 p 28\*

Test Equipment:  
Deviation Calibrators; Collins Radio, Jan 22 p 125

Electrostatic Recorder; Varian Associates, Jan 15 p 21\*

F S Voltmeter; Rycom Instruments, Feb 5 p 41\*

Instrument Cases for; Hewlett Packard, Apr 1/8 p 40\*

Radio-Frequency Bridge; General Radio, Apr 22 p 31\*

Texturing Process; Rigidized Metals, May 6 p 38

Thermo King Corp. Customers Advised on Tax Refund, May 27 p 7

Thrall Car Mfg. Co.:  
All-Door Box Car Saves Time, Cuts Cost, Jan 29 p 48\*

Car Building Outlook, Apr 29 p 76

"Center-Beam" Bulkhead Flat Car, Feb 19 p 40\*

"Largest" Hopper Cars Delivered, Feb 5 p 7

Ticket System, New, Saves GN Money, June 3 p 40

Tie Up; True Temper, Mar 18 p 37\*

Tie Down Systems:  
Branson Equip., Mar 25 p 49\*

MacLean-Fogg Lock Nut, Mar 25 p 48\*

Tie Upper; Tamper Inc., Mar 18 p 35\*

Tie Remover; Fairmont Ry. Motors, Apr 15 p 38\*

Tie Shear; Fairmont Ry. Motors, Mar 18 p 35\*

Ties:  
Concrete:  
Clip Applicator; Ry. Maint. Corp., Mar 18 p 36\*

Gerwick, Ben C., Co., Awarded BARTD Contract, Jan 1/8 p 7

Renewal, 1957-67; Estimate for 1968, Jan 22 p 73\*

Timbers on AT&SF Bridge Given Preservative Treatment, Feb 12 p 20\*

Time for Words and a Time for Silence, A, June 24 p 82\*

Timplate; USS Studies Loading Protection for, Mar 25 p 43\*

Toledo, Peoria & Western: C. L. Pattison Elected President, Mar 11 p 32\*

Ton-Miles:  
Estimates for 1968, Jan 22 p 38\*

Estimates for Truckers and RRs in 1980, May 20 p 12

Estimates, Long-Range, Feb 5 p 34 (1970); Mar 11 p 8 (1975); Mar 13 p 37 (1968); May 20 p 12 (1980) Generated by Car Loadings, Jan 1/8 p 35; Jan 15 p 33; Jan 22 p 127; Jan 29 p 45; Feb 5 p 37; Feb 12 p 37; Feb 19 p 37; Mar 4 p 33; Mar 11 p 33; Mar 18 p 61; Mar 25 p 89; Apr 1/8 p 45; Apr 22 p 34\*; Apr 29 p 30\*; May 6 p 33; May 13 p 45; May 20 p 33; May 27 p 89; June 10 p 33; June 17 p 33; June 24 p 75

Gross, Per Employee Hour and Per Dollar of Wages, May 13 p 46\*

Weekly, 1967-68, Feb 12 p 39\*; Feb 19 p 39\*; Feb 26 p 54\*; Mar 4 p 34\*; Mar 11 p 35\*; Mar 18 p 62\*; Mar 25 p 90\*; Apr 1/8 p 47\*; Apr 15 p 43\*; Apr 22 p 34\*; Apr 29 p 60\*; May 6 p 34\*; May 13 p 47\*; May 20 p 34\*; May 27 p 90\*; June 3 p 43\*; June 10 p 35\*; June 17 p 35\*; June 24 p 77\*

Years 1957-67, Jan 22 p 78\*; p 79; Apr 29 p 80\*

Toronto, Ridership Up in, Mar 4 p 36

Toronto Subway Lines, New, Feb 5 p 9; June 3 p 16\*, p 48\*

Toronto's Total Approach to Transit (Subway and GO Transit), June 3 p 16\*, p 48\*

Towmotor Corp.: Container Handling System, Apr 29 p 75\*

Townsend Co.: Floorclip, Mar 25 p 63\*

Track:  
Heavier Car Loads Put New Pressure on, Mar 18 p 28\*

Surfacing in 1967; Estimate for 1968, Jan 22 p 72

Track-Laying Record in Australia, May 20 p 7

Track Liner, Automatic; Plasser American, Mar 18 p 35\*

Tractor, Prime Mover; Baldwin-Lima-Hamilton, Jan 15 p 21\*

Tractor, Switching; Ottawa Steel Prod., Mar 25 p 63\*

Trademark of CPR Changed, June 24 p 11\*

Trademark of New Penn Central, Feb 5 p 24\*

Traffic Polls, Jan 29 p 31, p 52\*; Feb 26 p 38; Mar 25 p 45; Apr 29 p 36; May 20 p 40\*; May 27 p 39; June 24 p 40

Trailer Landing Gear;  
Binkley, June 24 p 70

Central Steel Tube, Jan 29 p 37\*

Trailer-on-Flat-Car Service: (See Also Container Service; Names of Companies)  
Car Loadings:  
Estimate for 1968, Jan 22 p 38\*

Increase in 1968 Over 1967, May 27 p 21

Weekly, Jan 1/8 p 35; Jan 15 p 33; Jan 22 p 127; Jan 29 p 45; Feb 5 p 37; Feb 12 p 37; Feb 19 p 37; Mar 4 p 33; Mar 11 p 33; Mar 18 p 61; Mar 25 p 89; Apr 1/8 p 45; Apr 15 p 41; Apr 22 p 33; Apr 29 p 79; May 6 p 33; May 13 p 45; May 20 p 33; May 27 p 89; June 3 p 41; June 10 p 31; June 17 p 33; June 24 p 75

Years 1957-67, Jan 22 p 79, p 80\*

40-Hour Chicago-West Coast Premium Train;  
AT&SF, Jan 29 p 22\*; Feb 19 p 271; Mar 4 p 40\*

Growth Wasn't Just a Happening, Mar 27 p 96\*

Livestock Handling, Proposal for, Jan 1/8 p 38\*

"Minipiggy" Trains for Mail Service, Mar 11 p 19

Northern Roads Turn to Far East, Jan 1/8 p 30\*

Shippers' Views on, May 27 p 39

Trailer-on-Flat-Car Service: (Continued)  
Small Shipment (LTL) Potential, May 27 p 30

Terminal; E-L at Cleveland, Jan 22 p 128

What Lies Ahead for, May 27 p 27\*, 32\*

Trailer-Ship Operation; Ponce de Leon, May 27 p 32\*

Trailer Train Co.:  
Car Design, Construction and Maintenance Problems, June 24 p 34\*

Cars in Service and On Order, June 10 p 33

Cars Ordered in 1967, Jan 22 p 7

Improved Products Will Cut M/E Costs, Feb 12 p 34

"Trailer Trains", Proposed Bill Would Allow, Feb 12 p 29\*; Feb 26 p 56; Mar 11 p 40\*; Mar 18 p 54\*; Apr 22 p 12

Trailer Tug; IBEX Motor Truck, May 27 p 84\*

Trailers:  
Market Outlook, May 27 p 34

Number Moved in TOFC in 1967, Jan 22 p 79

Outlook for 1968, Jan 22 p 44

Train Discontinuances:  
AT&SF Allowed to Drop "Chief"; Must Continue "Grand Canyon", May 27 p 87

Blamed for Mail Diversions, Feb 26 p 56; Mar 4 p 7

ICC Survey of, Apr 1/8 p 32

Legislation Sought by ICC, Jan 22 p 108

"No Market, No Service," Apr 22 p 40\*

SP Seeks to Drop "Sunset Limited", June 3 p 12; June 24 p 78

Train Dispatching Centralized on IC, June 10 p 36

Training of Employees:  
Communications and Signaling Courses, June 17 p 26

Simulators, a New Training Tool, June 24 p 56\*

Trains: (See also Unit Trains)  
AT&SF 40-Hour Chicago-West Coast Premium TOFC/COFC Train, Jan 29 p 22\*; Feb 19 p 271; Mar 4 p 40\*

Expo Express, What Will Happen to, Jan 1/8 p 9

High-Speed: Northeast Corridor Project (See Northeast Corridor Project)

High-Speed Tube System Studied, June 3 p 7

Landbridge, Proposed by AT&SF-PC, May 6 p 8; by UP-NW, June 24 p 11

"Minipiggy", for Mail Service, Mar 11 p 19

Number of Intercity Passenger Trains Discontinued Because of Mail Service Cancellations, Feb 26 p 56; Mar 4 p 7

TurboTrains (See Northeast Corridor Project)

World's Fastest Freight; AT&SF, Jan 29 p 22\*; Feb 19 p 271; Mar 4 p 40\*

Transco, Inc. to Give Up Building New Cars, Apr 29 p 76

Transcontrol Corp.: Local Control Panel, June 10 p 26\*

Transcold Corp.: Refrigeration-Heating Units for Trailers and Containers, Mar 11 p 26\*

Transit Poll, Mar 4 p 24

Transit Roundup, Jan 1/8 p 9\*; Feb 5 p 9\*; Mar 4 p 38; May 6 p 23\*; June 3 p 15\*

Transportation:  
How Will the Pie Be Divided in 1980?, Apr 15 p 24\*

Planning Urged by Alan Boyd, Apr 29 p 12

Regulation Called Unrealistic, May 20 p 7

Would be Better Off If Certain Policies Were Changed, May 13 p 52\*

Transportation Association of America:  
Doyle, J. P., Research Comm. Chairman, Apr 15 p 4

Transportation Institute at New York, Feb 5 p 34

Transportation Bond Issue, New York State; Governor Seeks Funds from, Jan 1/8 p 18; How It Was Sold to Voters, Mar 4 p 18\*; Mar 11 p 15; Award to Gov. Rockefeller, Mar 18 p 7

Transportation Bureau in Florida, Feb 5 p 21

Transportation Center for Jersey City, N. J., Apr 1/8 p 7

Transportation Flow Statistics Forum, May 20 p 38

Trepac Corp. of America: Teletype Motor Control, Jan 22 p 125\*

Tri-State Transportation Comm.:  
Officers, May 20 p 36

Report on Power, Fuel and Land Use, June 3 p 11

Truck, Freight Car: National Castings, Apr 22 p 31\*

Truck, Locomotive Three-Axe; Montreal Locomotive Works, Feb 19 p 36

Trucks, Industrial:  
Fork-Truck "Shoes"; Barrett-Cravens, Jan 29 p 37\*

Weighing System for, May 13 p 34\*

True Temper Corp.: Rail Tie Clip, Mar 18 p 37\*

Tube Cutter; Ridge Tool, Mar 11 p 26

Tubes, Floating, Used in Rotterdam Transit System, Jan 1/8 p 22\*

Tunnels:  
GN Building Second Largest in Western Hemisphere, May 13 p 40\*

RRs Seek Amortization Guidelines, Jan 22 p 57

U

Unarco Ind., Inc.:  
Side Filler Panels, Jan 29 p 37\*

Slip Sheets, Mar 25 p 49\*

Union of Soviet Socialist Republics:  
Rapid Transit System for Minsk, June 3 p 15

Subway in Tashkent Planned, Feb 5 p 9

Union Pacific:  
Cars, Box, with Foamed-In-Place Insulation, June 24 p 38\*

CTC Systems Being Consolidated, Jan 29 p 7

CR&P Merger Case, Feb 12 p 7; Feb 26 p 56; Apr 29 p 35; May 6 p 7, p 30; May 20 p 23; June 17 p 11

Container Landbridge Train, June 24 p 11

Container Operations, May 27 p 32\*

General Host Corp. Seeks to Acquire Utah Parks Co., Feb 12 p 40

MP Drops Request for Investigation to Determine IC Control, Feb 26 p 56; May 6 p 7

NSC Safety Award, May 27 p 92

1967 Second Best in History, May 20 p 23

Owens Last Serviceable Steam Locomotive, Apr 15 p 7

V

Vacuum Cleaner; Salvage Removal Unit, Mar 4 p 28\*

Varian Associates:  
Electrostatic Recorder, Jan 15 p 21\*

Reflex Klystrons, Feb 5 p 41

Vicjet Tank Scrubber, Feb 19 p 36\*

W

Washington, D. C.-Boston Transport Corridor Project (See Northeast Corridor Project)

## RAILWAY AGE—Index

Washington, D. C. Union Station to Become Visitor's Center, Mar 18 p 11; Mar 25 p 11\*  
 Washington Metropolitan Area Transit Authority: Car Design Selected, May 20 p 7\*  
 Construction to Begin Oct. 1, June 3 p 15  
 Contracts Awarded, Feb 12 p 37; Mar 4 p 38; Mar 18 p 61; Apr 1/8 p 45; May 6 p 23; June 3 p 15  
 Gleason, J. P., Named Chairman, Mar 4 p 38  
 Waste Management, RSMA Seminar on, June 24 p 8  
 Watching Washington with Walter Taft, Jan 1/8 p 8; Jan 15 p 35; Jan 22 p 108; Jan 29 p 39; Feb 5 p 29; Feb 12 p 34; Feb 19 p 42; Feb 26 p 37; Mar 4 p 23; Mar 11 p 26\*; Mar 18 p 50; Mar 25 p 62; Apr 1/8 p 34; Apr 15 p 17; Apr 22 p 32; Apr 29 p 42; May 6 p 26; May 13 p 37; May 20 p 38; May 27 p 58; June 3 p 22; June 10 p 13; June 17 p 27; July 24 p 52  
 Water Carriers: Selected Statistics, 1966-67, Feb 26 p 55\*; Apr 22 p 34\*  
 Waybill Project, ICC May Drop, Jan 15 p 7; Feb 5 p 20  
 Waynesburg Southern Under Construction, Jan 15 p 11\*; Correction, Mar 18 p 54\*  
 Weed Control is Cheap at the Price, Feb 12 p 44†; Mar 18 p 54†  
 Weed Control, Modern Methods Aid in, Feb 12 p 16\*; Mar 18 p 54†  
 Weighting-in-motion System, Railweight, Inc., Holds Seminar on, Mar 11 p 7  
 Weighting Practices, Correct, Shipper's Responsibility for, Mar 25 p 94†; May 6 p 29†  
 Weighting System, Electronic Lift Truck; W. C. Dillon, May 13 p 34\*  
 Welding Up Rail Ends, June 10 p 21\*  
 Wells Fargo and RR Passenger Trains Compared, Apr 18 p 37

Western Pacific Assails ICC Delay in Permitting Abandonment of "California Zephyr", Feb 19 p 7; Still Seeks Abandonment, Apr 1/8 p 32  
 Western Transportation Co., Inc., Expands Operations, Jan 15 p 34  
 Westinghouse Air Brake Co.: Plans Merger with American Standard, Inc., Mar 11 p 7  
 Signal & Communications Div.: Carryphone, May 6 p 38\*  
 Crossing Gate, June 3 p 32\*  
 Microphone, Jan 15 p 36\*  
 Mounting Rack, Apr 22 p 31\*  
 Portable Radio, Mar 27 p 84\*  
 Westinghouse Electric Corp.: Baltimore to Adopt Skybus Concept, Mar 4 p 38; May 6 p 23  
 PAT Gets Grant for Skybus Development, May 6 p 23  
 Weyerhaeuser Co. Wins L&D Award, Mar 25 p 7\*  
 Whittaker Corp. Acquiring Berwick Forge and Fabricating Corp., May 20 p 36  
 Winch, Rail Pulling, Used on Waynesburg Southern, Jan 15 p 25  
 Window, Laminated, for TurboTrain; Corning Glass, Mar 4 p 28\*  
 WOFAC Corp. to Make Efficiency Study for AAR, June 17 p 12  
 Wood Preservative Treatment Given Timbers on AT&SF Bridge, Feb 12 p 20\*  
 Woods Corp.: 13-Car Auto Rig, June 16 p 40†  
 Working Rules and Agreements: Antiquated, and Wages, Apr 1/8 p 41†  
 Crew Consist, BRT Battles RRAs Over, Feb 12 p 11; Feb 19 p 12; Apr 1/8 p 12; Apr 15 p 12; Apr 22 p 12; May 13 p 12; May 20 p 12

Working Rules and Agreements: (Continued) Leighty's Reaction to the Messer Report on Passenger Service, May 6 p 11, p 40†  
 L&N-ORC&B Agreement on Crew Consist, Radio Issues, June 10 p 9  
 Still Need Some Work, Feb 5 p 44†; Mar 4 p 40†  
 Supreme Court Rejects Appeals in, Feb 5 p 40  
 Unions Short-Sighted in Forcing Employment of Unneeded Men, Mar 11 p 13  
 World's Fastest Freight Train; AT&SF, Jan 29 p 22\*; Feb 19 p 27; Mar 4 p 40†  
 World's Largest Freight Car, Jan 29 p 30\*

## Y

Yards: Harry DeButte Yard; Southern, Apr 15 p 7  
 How GN Speeds Cars Through, June 17 p 18\*  
 You Ought to Know, Jan 1/8 p 36; Jan 15 p 34; Jan 22 p 128; Jan 29 p 48\*; Feb 5 p 40; Feb 12 p 40\*; Feb 19 p 40\*; Feb 26 p 56; Mar 4 p 36\*; Mar 11 p 36\*; Mar 18 p 64\*; Mar 25 p 92\*; Apr 1/8 p 48\*; Apr 15 p 44; Apr 22 p 36; Apr 29 p 82; May 6 p 36\*; May 13 p 48\*; May 20 p 36\*; May 27 p 92\*; June 3 p 44\*; June 10 p 36\*; June 17 p 36\*; June 24 p 78\*

## Z

Zimmerman Equip. Co.: Salvage Removal Unit, Mar 4 p 28\*

## RAILWAY BOOKSHELF

Computer in Transportation and Physical Distribution, Jan 1/8 p 37  
 Cushioned Car Collection, Jan 1/8 p 37  
 Jane's World Railways, Feb 19 p 41

New City: Architecture and Urban Renewal, Jan 1/8 p 37  
 Pictorial Encyclopedia of Railways, The, May 27 p 67  
 Railroad Caboose, The, May 27 p 67  
 Railway Directory and Yearbook, 1967-68 Edition, Jan 1/8 p 37

Soviet Transport Experience, May 27 p 67

To Hell in a Day Coach, Jan 29 p 21

Urban Transit Development in 20 Major Cities, June 3 p 15

## PEOPLE IN THE NEWS

[\* Indicates photograph]

## A

Abernathy, W. J., Jr., Apr 29 p 58  
 Abrams, Neal E., Mar 11 p 32  
 Adams, A. G., Feb 12 p 31  
 Adams, Charles V., May 27 p 72  
 Adams, Walter C., Jan 29 p 40  
 Addington, J. Bruce, Apr 29 p 59  
 Adelmann, W. J., Jan 29 p 40  
 Agee, J. L., May 27 p 71  
 Alben, T. E., June 24 p 56D  
 Albritton, Ottis O., Apr 1/8 p 44  
 Allen, C. D., June 3 p 28  
 Allen, Richard B., Jan 22 p 130  
 Allison, Dolores C., May 6 p 37  
 Allott, Gordon, Feb 5 p 19\*  
 Ally, Henry G., Jr., June 18 p 41  
 Almond, W., Feb 19 p 32  
 Alotta, Robert J., Mar 11 p 32  
 Altenhof, Feb 6 p 35  
 Altgibler, Richard E., Mar 18 p 40; May 27 p 70  
 Altheide, John D., Apr 15 p 39  
 Alward, Samuel A., Jan 1/8 p 32\*  
 Amos, C. L., Feb 5 p 42  
 Amos, H. E., June 24 p 56D  
 Anderson, Bruce G., Feb 26 p 46\*  
 Anderson, Ernest A., Mar 25 p 68  
 Anderson, Leonard G., Jan 29 p 40  
 Anderson LeRoi C., Jan 1/8 p 33  
 Anderson, Oliver A., Apr 29 p 58; May 27 p 71  
 Angert, J. A., June 24 p 56D  
 Annenberg, Walter H., Feb 12 p 33  
 Armento, Joseph A., Mar 18 p 41  
 Arnold, Bertram N., Feb 12 p 36  
 Arnold, Charles W., Feb 12 p 36  
 Aron, R. W., Apr 29 p 59  
 Arrey, K., Mar 11 p 15  
 Asher, Joe, Jan 1/8 p 9\*  
 Atkinson, L. S., June 24 p 56D  
 Austin, J. A., Feb 12 p 31  
 Ayler, V. E., May 6 p 32

## B

Bacon, Edmund, Mar 4 p 22  
 Bader, Karl E., Feb 19 p 32  
 Balle, W. H., Feb 5 p 35  
 Bain, Robert E., May 6 p 32  
 Bain, T. A., Jr., Apr 29 p 59  
 Baird, Francis M., Feb 19 p 33  
 Baird, William E., Mar 11 p 32

Baker, George F., Feb 5 p 34  
 Baker, James E., May 27 p 72  
 Balco, P. E., Mar 18 p 43  
 Baldwin, J. L., Feb 26 p 46  
 Ballius, Floyd F., Mar 18 p 43  
 Ballard, William S., Mar 4 p 31  
 Ballinger, N. Bradford, May 6 p 31  
 Balsden, W. J., June 24 p 56D  
 Baltzell, V. L., Mar 18 p 48  
 Bamert, William, June 10 p 25\*  
 Bandeen, Robert A., June 24 p 56D  
 Barger, Ralph A., Feb 12 p 32  
 Barlow, E., June 24 p 56D  
 Barnes, William A., Feb 12 p 36  
 Barrer, A. J., Feb 5 p 36  
 Barrett, George W., Mar 25 p 74  
 Barron, Michael J., Feb 12 p 31  
 Bartel, E. M., Apr 29 p 58  
 Bartish, J. T., May 27 p 71  
 Bartley, Burnett, June 17 p 37  
 Bartney, Ray, Feb 5 p 42  
 Batrus, Frederick E., Feb 26 p 46  
 Battaille, Charles P., Feb 19 p 32  
 Battenfield, C. W., Jr., Apr 29 p 56  
 Bauer, Max, May 6 p 32  
 Baughan, Edgar F., June 3 p 28  
 Bayer, E. M., May 27 p 94  
 Beauilieu, R. N., May 27 p 70  
 Beaumont, Arthur J., Jan 22 p 130  
 Beck, Charles A., Feb 19 p 32  
 Beckley, Thomas M., Apr 29 p 58\*  
 Beckwith, Clarence W., Apr 22 p 30  
 Beebe, B. K., Apr 1/8 p 44  
 Beggs, James M., Mar 25 p 74  
 Begitske, R. E., May 27 p 70  
 Belt, R. W., Feb 26 p 48  
 Bennett, George, June 24 p 65  
 Benson, J. M., Mar 11 p 44\*  
 Bentley, C. A., May 13 p 50  
 Bergen, J. W., Mar 18 p 48\*  
 Bergman, D. H., Mar 18 p 41  
 Berman, Ronald, Apr 1/8 p 44  
 Bernhardt, E. E., May 6 p 31  
 Bernstein, David, Mar 11 p 32  
 Berrington, William B., June 17 p 17\*  
 Berry, J. W., Apr 29 p 51  
 Berry, Royce S., Apr 29 p 58  
 Bertrand, George Jr., Jan 29 p 40  
 Betz, W. James, May 27 p 70  
 Bevan, David C., Feb 12 p 32  
 Bevans, R. T., Jan 1/8 p 32  
 Beven, John L., Feb 19 p 33  
 Biagianni, Benjamin F., May 27 p 11  
 Bice, V. W., Jan 1/8 p 32  
 Bickley, John L., May 27 p 71; June 17 p 17

Bieber, Richard E., Jan 1/8 p 32  
 Bill, C. M., June 24 p 56D  
 Bill, Kermit M., Mar 18 p 43  
 Binder, B. J., Feb 19 p 32  
 Binger, C. R., Jan 1/8 p 33\*  
 Birt, Robert D., May 27 p 94  
 Blaick, R. F., Apr 29 p 59  
 Blackwell, Robert J., Jan 29 p 29  
 Blackwell, T. R., May 27 p 71  
 Blanchard, Donald S., Feb 12 p 31  
 Blanchet, Paul, Feb 5 p 35  
 Blank, Herbert W., Apr 29 p 56\*  
 Blankenship, James H., Jan 22 p 130  
 Blauvelt, Paul A., May 13 p 49; June 24 p 56D  
 Blue, Challas R., June 3 p 28  
 Boes, Robert G., May 13 p 50  
 Boismenu, Raymond E., June 24 p 56D  
 Bolling, M. W., Feb 5 p 42  
 Bollinger, F. M., Jan 1/8 p 33  
 Bolten, Ernst F., Feb 26 p 48  
 Bonbrake, Ralph W., June 10 p 28  
 Booker, C. H., June 3 p 28  
 Bootby, Bryce C., Apr 1/8 p 44  
 Bornejko, P. P., Apr 29 p 56  
 Bornemissza, Adrian C., Jan 15 p 36\*  
 Borrelli, G. A., Apr 29 p 59  
 Borst, V. T., June 17 p 37  
 Botscho, W. E., Jan 1/8 p 32  
 Bovee, Kermit R., May 27 p 72  
 Bowers, Bates B., Jan 22 p 130\*  
 Bowyer, Herbert J., Jan 29 p 40  
 Boyd, Alan, Feb 5 p 21  
 Boyle, Robert E., Jr., Jan 22 p 130  
 Brabender, K. F., Jan 1/8 p 32  
 Bradley, Harvey H., Apr 29 p 59  
 Brand, Ford G., Mar 6 p 37\*  
 Brannan, J., June 10 p 27  
 Brantley, L. M., Mar 11 p 32  
 Bratt, Walter E., May 20 p 37\*; June 24 p 44\*  
 Breithaupt, Harry J., Jr., Feb 12 p 31\*  
 Brent, J. W., Feb 12 p 32  
 Breton, W. L., Feb 22 p 30  
 Brestel, R. M., Apr 22 p 30  
 Bridger, Bill, Jan 1/8 p 32  
 Bridger, Glen F., Feb 5 p 35  
 Briggs, W. L., May 27 p 70  
 Brock, G. P., Jan 1/8 p 15  
 Brodrick, William H., May 27 p 72  
 Bromstrom, Donald G., Mar 18 p 41  
 Brown, Floyd R., Feb 12 p 48  
 Brown, Gerald B., Mar 18 p 40  
 Brown, Harold B., May 27 p 72  
 Brown, J. D., Apr 29 p 59  
 Brown, J. J., June 24 p 56D

## PEOPLE IN THE NEWS—Continued

[\* Indicates photograph]

Brown, Jack R., May 13 p 50  
 Brown, Walter R., Mar 4 p 31  
 Brown, William F., Mar 18 p 43  
 Brown, William O., Feb 26 p 46\*; Mar 18 p 43  
 Browning, E. G., May 13 p 49  
 Bruback Norman S., Feb 19 p 32  
 Bryan, P. Taylor, III, June 17 p 37  
 Bryant, Robert E., Apr 29 p 56  
 Bryant, Ronald C., June 17 p 37  
 Brydges, Robert M., Mar 25 p 68  
 Buchanan, Robert W., Apr 22 p 38  
 Buchanan, William G., Mar 18 p 40  
 Bucher, Sylvester G., June 24 p 56D  
 Buchanan, Clifford W., Jan 1/8 p 32  
 Buckner, D. L., May 6 p 31  
 Budd, John M., Jan 29 p 40; June 17 p 25\*  
 Budorick, Robert E., May 27 p 94\*  
 Buechele, Gregory M., May 20 p 37  
 Bukovica, Alexis P., Jan 29 p 41  
 Burdakin, John H., Mar 18 p 41; Apr 22 p 304  
 Burger, C. J., Jan 22 p 130  
 Burgin, E. A., Feb 19 p 32  
 Burks, John W., May 13 p 49\*, p 50  
 Burke, Fred B., May 27 p 70  
 Burke, Raymond C., Mar 25 p 74  
 Burkhardt, E. A., May 20 p 37  
 Burks, Carroll P., Feb 19 p 40  
 Burns, D. H., Feb 5 p 42  
 Burns, J. P., Apr 22 p 30  
 Burns, Joseph E., Mar 18 p 40  
 Burtmese, Harold W., Jan 1/8 p 32  
 Burton, Robert H., May 6 p 32  
 Burton, W. D., Feb 26 p 46  
 Butcher, Frederick G., May 13 p 49\*  
 Butler, Howard, III, Feb 12 p 33  
 Butler, John M., Mar 18 p 40\*  
 Butler, Ralph W., Feb 19 p 32  
 Butler, W. S., June 3 p 28  
 Butters, D. J., Feb 5 p 36  
 Butz, Walter L., Apr 22 p 30  
 Byer, E. H., Jan 22 p 130  
 Byrne, Robert, Feb 19 p 32  
 Byrne, W. S., Jan 1/8 p 32  
 Byron, Lester, Mar 18 p 43

Cabrelli, Peter J., Apr 29 p 59  
 Calder, William B., May 27 p 94  
 Caldwell, C. R., Mar 4 p 31; May 20 p 37  
 Caldwell, James E., May 13 p 50  
 Callahan, James T., Jan 29 p 41\*  
 Calvin, Ned S., Mar 18 p 41  
 Campbell, A. G., Apr 29 p 58  
 Campbell, Charles G., Feb 5 p 36\*  
 Campbell, Edward L., Feb 5 p 35  
 Cann, John L., Feb 26 p 46\*  
 Canzoneri, R. E., June 17 p 37  
 Cardwell, Lloyd, June 17 p 37  
 Carey, Bernard E., Mar 25 p 74  
 Carleton, Elmer H., Feb 5 p 42  
 Carner, L. E., May 27 p 71  
 Carnes, Russell J., Jan 15 p 36  
 Caron, A. S., Apr 29 p 58  
 Carr, Franklin J., Jan 22 p 130\*  
 Carrriere, K. G., May 27 p 71  
 Carter, J. N., Jan 1/8 p 32  
 Cartwright, W. Edward, May 27 p 71  
 Cary, A. B., June 3 p 28  
 Casady, George M., Mar 18 p 41  
 Cashel, Vernon F., Apr 29 p 58  
 Caskie, Challen E., Mar 25 p 68  
 Casper, Robert L., Jan 29 p 40  
 Cerra, Arthur J., Mar 4 p 31  
 Chambers, Ira B., Feb 5 p 42  
 Chandler, Howard W., May 27 p 71  
 Chapman, A. S., Feb 5 p 35  
 Chaffield, H. J., May 27 p 72  
 Chester, Joseph, Mar 25 p 68  
 Chiarolli, Ralph, Mar 25 p 74  
 Chisholm, Donald S., Feb 19 p 33  
 Chitwood, W. O., Apr 29 p 58  
 Chubb, J. E., Feb 12 p 32  
 Church, Thomas T., June 24 p 65  
 Cilley, Edgar P., Apr 29 p 58  
 Clark, Edmund J., Feb 26 p 46  
 Clark, Elmo F., Feb 5 p 36  
 Clark, J. Robert, June 24 p 56D  
 Clark, John A., June 10 p 27\*; June 24 p 36D  
 Clark, R. J., June 10 p 29\*  
 Clarke, Peter A., Feb 19 p 32  
 Clasen, C. J. W., Apr 15 p 39  
 Clausen, William H., Feb 26 p 46\*  
 Claypole, Edward L., Feb 12 p 33; Mar 18 p 41  
 Clayton, B. B., Mar 18 p 41  
 Clayton, R. E., Feb 12 p 31; May 27 p 70  
 Clem, T. W. M., Jr., May 6 p 31  
 Clem, L. G., Jr., Feb 12 p 31  
 Cline, Juan A., Apr 29 p 59  
 Clinton, W. G., Feb 5 p 42  
 Coss, E. C., Jan 1/8 p 32  
 Cobb, K. K., Apr 29 p 58  
 Cobb, O. W., Jan 1/8 p 33  
 Cockshott, F., Jan 1/8 p 32  
 Coe, Vernon E., Mar 18 p 40  
 Coffey, Robert W., June 10 p 28  
 Cohan, Stanley, Feb 26 p 48  
 Cole, Basil, Feb 12 p 31  
 Cole, Wilbur, Jan 29 p 40  
 Coleman, W. C., Jr., Feb 5 p 21  
 Collier, James L., Jr., Feb 19 p 40  
 Colliflower, J. H., Apr 29 p 59  
 Collins, Ralph C., June 24 p 56D

Collinson, John T., Feb 19 p 32, p 33\*  
 Colstadt, C. V., Feb 5 p 36  
 Combs, Charles L., Jan 22 p 48\*; May 6 p 11\*  
 Conner, W., Feb 19 p 33  
 Condon, James E., Mar 25 p 74  
 Condon, Allen D., June 17 p 17  
 Conley, Arthur W., Feb 19 p 32  
 Conner, James J., Jr., April 29 p 56\*  
 Converse, K. M., Feb 12 p 31  
 Converse, D. C., Apr 29 p 56\*  
 Cook, Albert L., Jan 1/8 p 34\*  
 Cook, C. L., Jan 1/8 p 32  
 Cook, William S., Feb 12 p 32; Apr 29 p 59  
 Cooke, Ernest J., Feb 12 p 31\*  
 Cooke, Sanford, Jr., May 27 p 94  
 Cooke, Stewart T., Feb 19 p 32\*  
 Cookes, C. W., Mar 18 p 40  
 Coombs, Percy H., Apr 22 p 30  
 Corcoran, James T., Mar 18 p 40  
 Corley, George L., Jr., Feb 12 p 31  
 Corner, W. R., Apr 29 p 58\*  
 Cornick, Walter F., May 27 p 72  
 Corning, Ralph N., Jr., June 17 p 37\*  
 Corrigan, J. Thomas, Jan 15 p 36  
 Cory, H. R., June 24 p 56D  
 Coulter, R. L., June 3 p 28\*  
 Counter, J. N., Mar 18 p 48  
 Couzens, Richard M., Feb 19 p 33  
 Coville, Alfred P., Mar 4 p 31  
 Cowan, C. Vernon, Feb 19 p 32  
 Cowart, V. Leo, Apr 29 p 58  
 Cox, J. Wiley, May 13 p 50  
 Craig, G. N., Jr., Feb 19 p 32  
 Craig, James S., Mar 18 p 41  
 Cramer, Ralph N., Mar 18 p 41  
 Creighton, G. H., Apr 1/8 p 44  
 Cres, William R., May 6 p 32  
 Croft, James J., Mar 18 p 46  
 Croft, Paul H., Jr., Mar 25 p 92; Apr 29 p 58; May 13 p 7  
 Croghan, P. E., May 27 p 70  
 Crook, James M., June 24 p 65  
 Cropper, J. W., Mar 18 p 40  
 Crosby, Robert C., Mar 18 p 46  
 Crosby, Roger J., Jan 1/8 p 33\*  
 Crowe, Arthur B., Jan 22 p 130  
 Crowell, James M., Feb 12 p 33; Feb 26 p 46  
 Cruickshank, John D., Jan 29 p 41  
 Cruse, Robert W., Apr 29 p 58  
 Crux, R. J., May 27 p 70  
 Cunitz, U. William, Mar 11 p 32  
 Cunningham, M. F., Feb 5 p 36  
 Currier, S. J., Feb 19 p 32  
 Curry, Harry B., Feb 5 p 7\*  
 Curry, Robert B., Feb 12 p 31  
 Czoka, David L., Mar 18 p 40

Daly, William L., May 6 p 31  
 Dan, John J., Mar 18 p 41  
 Danahy, Francis A., June 10 p 27\*  
 Daniel, Charles, Apr 29 p 59  
 Daniels, George F., Apr 22 p 30  
 Darby, J. W., Apr 29 p 58  
 Dargis, V. V., May 27 p 70  
 Daugherty, H. D., June 3 p 28  
 Davidson, J. K., Feb 5 p 35  
 Davies, John O., Jan 1/8 p 33\*  
 Davies, Philip H., Apr 29 p 56\*  
 Davis, James T., June 24 p 65  
 Davis, Delaney J., Jan 15 p 36\*  
 Davis, Louis D., June 24 p 65\*  
 Davis, Pierce W., Jan 1/8 p 32  
 Davis, R. B., May 27 p 71  
 Davis, Richard E., Mar 18 p 48  
 Davis, W. E., Feb 12 p 31  
 Davis, W. H., May 27 p 71  
 Davison, J. F., May 27 p 70  
 Dawson, C. L., Apr 1/8 p 44  
 Day, William J., Jan 1/8 p 27  
 Day, William L., Feb 12 p 33  
 Dean, David A., Mar 18 p 43  
 deButts, Robert E. L., Jan 29 p 40  
 Decoster, M. H., May 20 p 37\*; June 24 p 44\*  
 DeLaune, A. J., June 24 p 56D  
 Dement, George L., June 17 p 7  
 Denton, Paul D., Mar 4 p 31  
 DePoister, W. E., May 27 p 71  
 Derler, C. J., Mar 18 p 46  
 Dethorne, George E., Feb 5 p 35  
 Detwiler, R. L., Mar 18 p 40  
 De Vol, E. L., Jan 1/8 p 32  
 DeVore, Donald W., June 10 p 28  
 De Vore, J. T., Feb 19 p 32  
 Dick, C. E., May 27 p 70  
 Dick, M. H., Jan 22 p 72\*  
 Dickson, J. Douglas, Feb 5 p 42  
 Dickson, James U., Jr., Feb 5 p 42  
 Didcock, V. W., June 24 p 56D  
 Diffenderfer, J. W., Feb 12 p 33  
 DiFruscia, J. L., Apr 1/8 p 44  
 Dillon, Francis J., Mar 25 p 68  
 Dills, R. W., June 24 p 56D  
 Dinkins, Roy H., Mar 18 p 40  
 Dipprey, Roy E., Mar 18 p 40  
 Dinsmore, Clem B., Feb 12 p 31  
 Dixon, Bruce, Apr 29 p 58  
 Doherty, Thomas T., Mar 4 p 31  
 Donahue, M. M., Jan 1/8 p 32  
 Donavon, John, May 27 p 94  
 Donovan, Michael J., Mar 18 p 46  
 Dorn, R. W., Mar 1/8 p 32  
 Dorrance, John T., Jr., Mar 18 p 7

Dorsey, J. J., Mar 4 p 31  
 Dorsey, William G., Feb 26 p 46  
 Doseff, Ivan, Jr., Apr 29 p 82; May 13 p 50  
 Downey, Clarence C., May 6 p 37  
 Doyen, Denis P., Jan 1/8 p 32  
 Doyle, John P., Apr 29 p 58  
 Drane, Herbert W., Feb 19 p 33  
 Drummond, Lyde W., Feb 19 p 33  
 Dukde, Paul B., Feb 12 p 31  
 Duffin, Robert C., June 10 p 28\*  
 Duffy, James L., Mar 18 p 48\*  
 Dumaine, Frederic C., Jr., Apr 1/8 p 7  
 Duncan, John P., Jr., Jan 29 p 40  
 Dunn, C. S., Mar 27 p 70  
 Dunn, Robert T., Apr 22 p 38  
 Dunnett, John S., Jan 29 p 41  
 Durand, Frederick L., June 17 p 37  
 Duren, Eugene V., Jan 29 p 40\*  
 Dwyer, Thomas B., Mar 25 p 68  
 Dyche, K. L., May 27 p 71

E

Eastman, Dean H., Jan 1/8 p 33  
 Eckler, Nickolas C., Mar 18 p 48  
 Coulter, R. L., June 3 p 28\*  
 Counter, J. N., Mar 18 p 48  
 Couzens, Richard M., Feb 19 p 33  
 Coville, Alfred P., Mar 4 p 31  
 Eisenhart, Earl E., Jr., Feb 26 p 46  
 Ekers, Glenn L., Mar 25 p 68  
 Elder, James F., Apr 1/8 p 44  
 Elefson, Harry W., May 27 p 72  
 Elliott, Donald H., May 20 p 36  
 Elliott, E. R., June 17 p 17  
 Ellis, J. M., Jan 1/8 p 32  
 Elmslie, Stewart P., Apr 29 p 58; May 27 p 71  
 Ely, Robert J., Jan 1/8 p 34\*  
 England, John, Mar 18 p 48\*  
 Enhorning, John J., Apr 15 p 39  
 Epstein, Moray, Apr 1/8 p 44  
 Erickson, Martin L., Mar 4 p 31  
 Ernst, Robert, May 6 p 32  
 Ester, Dennis R., Feb 5 p 42  
 Ettington, Richard M., Feb 12 p 36\*  
 Eubank, William L., Jr., Jan 1/8 p 32  
 Ewing, Joseph R., Mar 11 p 32  
 Eyraud, A. J., Jr., Mar 18 p 43

F

Fabian, M. J., Mar 25 p 74  
 Fabrin, George W., Feb 26 p 46  
 Fagan, John P., Apr 1/8 p 44  
 Fahay, R. E., May 20 p 37  
 Fahay, T. E., Apr 22 p 30  
 Fair, J. S., Jr., Feb 12 p 33  
 Fairman, Richard B., Feb 12 p 36\*  
 Faley, M. J., May 27 p 72  
 Falkenstein, Sidney, May 13 p 50  
 Fallon, Louis J., Mar 11 p 32  
 Fallow, R. W., June 24 p 56D  
 Farley, Harold J., Jr., Jan 29 p 40  
 Farney, J. R., Jan 1/8 p 33  
 Farosich, George E., Mar 18 p 43  
 Farwell, W. T., Jr., Feb 19 p 32  
 Farrell, Frank S., Jan 1/8 p 32\*, p 33; Jan 29 p 40  
 Farrell, Walter D., Jan 1/8 p 32  
 Farren, James E., Feb 5 p 42  
 Fawcett, James M., Jr., May 27 p 94  
 Federkell, W. E., May 6 p 31  
 Fee, Leo B., Feb 12 p 32  
 Feeley, Robert E., Mar 25 p 68  
 Ferguson, A., Apr 1/8 p 44  
 Ferguson, N. K., Apr 29 p 58  
 Feuerzeig, Penny, May 6 p 37  
 Field, Dudley W., Feb 26 p 48  
 Field, G. L., May 27 p 70  
 Field, Theodore H., Jr., June 10 p 29  
 Fijo, G. W., Jr., Feb 12 p 31  
 Finding, Frank B., Jan 29 p 40\*  
 Finger, Arthur E., Jr., Feb 26 p 48  
 Fischer, George W., June 10 p 28  
 Flannery, R. C., Feb 12 p 33  
 Flieble, Paul E., Feb 19 p 33  
 Fleischer, William R., Jan 29 p 40  
 Floyd, V. J., Feb 12 p 33  
 Flynn, George F., Mar 4 p 31\*  
 Follett, R. M., May 27 p 70  
 Folwell, Ernest H., Feb 19 p 33  
 Forbes, Edward C., May 20 p 56\*  
 Forbes, G. S., May 27 p 70  
 Ford, John T., Feb 19 p 32\*  
 Formico, R. B., Jan 1/8 p 33  
 Forsey, W. C., Feb 12 p 31  
 Forte, C. R. B., Apr 29 p 58  
 Fortune, Phillip R., Jan 19 p 41  
 Foster, A. L., Jan 29 p 40  
 Foster, Hugh W., Mar 6 p 32  
 Fowler, James M., Feb 5 p 42  
 Fox, L. E., Jan 22 p 30  
 Fox, P. D., Feb 12 p 32  
 Fox, William J., May 6 p 31  
 Frank, Arthur E., Jr., June 17 p 37\*  
 Frank, Earl E., Feb 12 p 36  
 Franks, Earl C., May 15 p 50

G

Gallagher, C. E., Jan 1/8 p 33  
 Galliger, Karl W., Jan 29 p 41\*  
 Gammon, W. A., June 24 p 64  
 Gann, John W., Jan 29 p 40\*  
 Cannon, James R., Jan 22 p 130  
 Gardiner, John C., June 3 p 28\*  
 Gardner, Peter H., Feb 19 p 33  
 Garner, Malcolm, Jan 29 p 41  
 Garnitz, Howard, Apr 15 p 39  
 Garrett, H. B., May 27 p 94  
 Garrett, Thomas H., May 6 p 32  
 Garrigues, John T., June 24 p 56D  
 Garrigues, Samuel M., Jan 29 p 41\*  
 Gasparini, Frank J., Feb 12 p 33  
 Gaster, Harold L., Mar 11 p 32\*  
 Gear, A., Jr., Jan 1/8 p 32  
 Gebhardt, A. D., May 27 p 72  
 Gelinas, M., May 27 p 70  
 Gentsch, E. J., June 24 p 56D  
 Gerstnecker, W. R., Feb 12 p 32  
 Geyer, Robert P., Apr 15 p 39  
 Gibbons, S., June 10 p 27  
 Giedeman, William L., Feb 5 p 42  
 Giegerich, J. R., Mar 11 p 32  
 Gierlach, Robert W., Apr 15 p 39  
 Gilbert, Howard A., Mar 11 p 32  
 Gilerman, Harvey M., Mar 11 p 32  
 Gilliat, E. H., Mar 18 p 40  
 Gilmore, Glenn R., Feb 12 p 31  
 Gilroy, R. C., Feb 5 p 36  
 Gilroy, J. M., Jan 1/8 p 7; Jan 15 p 36; Mar 25 p 7  
 Gladstone, Louis L., May 20 p 36  
 Glaser, Thomas P., May 6 p 32  
 Glass, Charles A., Mar 18 p 41  
 Gleason, James P., Mar 4 p 38  
 Glenn, James T., Apr 22 p 30  
 Godfrey, Charles E., Jan 1/8 p 34\*  
 Goelzer, H. F., Mar 18 p 46\*  
 Goforth, J. A., June 10 p 27  
 Goldmuntz, Larry, Apr 22 p 21  
 Golian, Thomas J., Mar 18 p 40  
 Gonsalves, Robert E., Feb 5 p 36\*, p 42  
 Goode, R. T., Jan 1/8 p 32  
 Goodfellow, John A., June 10 p 27  
 Goodfellow, Thomas M., Mar 25 p 52\*  
 Goodman, Howard, Feb 26 p 48  
 Goodman, James H., Jan 15 p 36\*  
 Goodman, Leonard S., Mar 4 p 31  
 Gorski, R. J., June 17 p 37\*  
 Gossell, R. L., Jr., Jan 22 p 130  
 Grabske, W. J., Mar 18 p 41  
 Graebner, James H., Jan 1/8 p 34  
 Graff, H. L., May 27 p 71  
 Graham, J. E., June 24 p 56D  
 Graham, Dr. R. Walter, Jr., Feb 12 p 33  
 Graham, W. O., Mar 11 p 32  
 Granger, Isaac B., Feb 12 p 33  
 Grant, Edmund M., Feb 26 p 48  
 Grant, Walter R., Feb 12 p 32  
 Graves, Jack W., June 24 p 56D  
 Gray, C. G., June 3 p 28  
 Grayson, Robert B., Feb 26 p 46; Mar 18 p 40\*  
 Green, Dan J., Apr 29 p 58  
 Green, George L., Jan 1/8 p 7; Jan 15 p 36\*  
 Green, J. H., May 27 p 7  
 Green, T. H., Apr 22 p 30  
 Greenough, Allen J., Feb 12 p 32  
 Greer, William F., Jan 22 p 130\*  
 Grey, Alan G. M., May 18 p 48\*  
 Griesman, Robert A., Feb 12 p 31  
 Griffin, Dan, Apr 22 p 38  
 Griffin, Reid T., May 27 p 72  
 Griffith, Glenn R., Mar 18 p 46\*  
 Grimes, Fred R., June 24 p 56D  
 Griswold, William E., May 20 p 31\*  
 Grotheer, John H., May 15 p 50  
 Groundwater, J. T., Apr 29 p 59  
 Grubbs, William L., May 13 p 49  
 Grucha, J., Mar 4 p 15  
 Gerard, B. H., Apr 15 p 39  
 Guerard, E. L., Feb 5 p 36  
 Guerin, George V., Feb 26 p 46  
 Quinn, George W., Jr., Feb 19 p 32  
 Gunns, Wayne P., Feb 26 p 48

H

Haar, Charles M., Apr 1/8 p 44  
 Hagen, M. E., Mar 18 p 41  
 Haiget, Fred M., Jr., June 24 p 65  
 Hahn, Richard H., May 27 p 72  
 Hale, Clifford C., Feb 12 p 32  
 Hale, Clark H., Jr., June 24 p 56D  
 Hale, Warren K., Feb 5 p 35  
 Hafferty, D. L., Apr 29 p 58  
 Hall, Harold H., Apr 29 p 59  
 Hall, John T., Feb 26 p 46  
 Hall, Keith E., Jan 15 p 36  
 Hallett, L. G., Jan 29 p 41

Hallquist, E. M., Mar 18 p 40  
 Hallman, Charles F., Feb 19 p 33  
 Hammerstrom, R. O., Mar 18 p 41  
 Hammett, Manley H., Apr 29 p 59  
 Hammond, Harold F., May 20 p 36  
 Hamon, F. J., June 24 p 56D  
 Hampe, Roland M., June 24 p 56D  
 Hampton, Harold E., May 20 p 18\*  
 Hanafin, Paul F., Mar 25 p 74  
 Handwerker, A. M., June 10 p 27\*; June 24 p 45\*  
 Hankis, Starr S., May 13 p 49  
 Hanley, Edward J., Feb 12 p 33  
 Hannon, Kevin H., Mar 11 p 32  
 Hansen, R. K., Mar 18 p 40  
 Harbs, Ted W., Jan 1/8 p 34  
 Hargreaves, G. E., June 24 p 56D  
 Harkness, W. E., Mar 18 p 41  
 Harney, Walter M., Jr., Jan 22 p 130  
 Harrington, Lawrence W., Jan 22 p 130\*  
 Harris, A. M., Feb 12 p 33  
 Harris, G. A., Apr 29 p 59  
 Harry, C. R., Mar 18 p 40  
 Hart, C. Eugene, June 17 p 37  
 Hart, Donald L., May 6 p 32  
 Hartigan, William J., Feb 26 p 46  
 Hartelle, R. A., Apr 29 p 58  
 Haslett, Robert, Feb 12 p 32  
 Hasselman, Richard E., Feb 12 p 33  
 Hastings, John G., June 24 p 56D  
 Hathaway, Melvin R., Jan 29 p 40  
 Hawkins, C. M., Feb 5 p 42  
 Hawkins, L. L., May 27 p 72  
 Hawkins, P. M., Feb 5 p 42  
 Hay, I. K., Mar 4 p 31  
 Hayghe, William R., June 10 p 28  
 Hebert, Philip T., Feb 19 p 32  
 Heck, Charles E., Feb 19 p 32  
 Hedley, William J., Jan 1/8 p 33; May 6 p 32  
 Heilmann, Joseph E., Feb 19 p 33  
 Heimsoj, J. G., Mar 18 p 41  
 Heise, Richard A., Apr 22 p 38\*  
 Hellenbrand, Samuel H., Feb 12 p 33  
 Helm, Sidney T., Jan 29 p 40  
 Helminkotter, A. M., June 3 p 28  
 Henderson, Armpstead C., Apr 29 p 59  
 Henderson, J. P., Apr 29 p 58  
 Henderson, Loyd R., Jan 29 p 40  
 Henderson, Walter H., Jr., Mar 18 p 40  
 Hendrickson, Paul, Feb 26 p 46  
 Henretta, J. V., Jan 1/8 p 32  
 Henry, D., Jan 29 p 33  
 Herbel, Richard W., Feb 12 p 36  
 Herbst, R. L., Mar 18 p 40  
 Herman, Joseph K., Feb 19 p 33  
 Herold, W. J., June 24 p 56D  
 Heron, James H., Feb 12 p 33  
 Herrin, H. S., Mar 27 p 72  
 Herron, M. Carl, Jan 22 p 130  
 Hessler, Kenneth W., Mar 27 p 72  
 Hewson, J. Lorne, Feb 19 p 32, p 33\*  
 Hickey, J. J., Jan 1/8 p 34; Apr 22 p 38\*  
 Hill, E., Mar 18 p 43  
 Hill, Chester W., Apr 29 p 59  
 Hill, G. F., Apr 29 p 58  
 Hill, L. E., Jan 1/8 p 32  
 Hill, Leonard, Mar 11 p 32  
 Hill, William G., Jan 1/8 p 33  
 Hillman, W. A., Apr 29 p 59  
 Hillpot, R. L., Feb 26 p 48  
 Hiltz, J. P., Feb 12 p 26\*  
 Hinton, J. H., Apr 29 p 58  
 Hintz, R. L., Feb 19 p 32  
 Hirn, Frederick D., Mar 18 p 48  
 Hoagland, A. E., Apr 1/8 p 44  
 Hochwarth, Robert F., Mar 4 p 31  
 Hockaday, Irvine O., Jr., Feb 12 p 31  
 Hoenig, William C., June 10 p 29  
 Hofer, Phil, Mar 18 p 48  
 Hoffman, G. J., June 24 p 56D  
 Hoffman, W. F., Apr 22 p 30  
 Hoffman, William D., Mar 25 p 74  
 Hoffmeister, Harold M., May 6 p 7  
 Hoffmeister, Charles J., Apr 29 p 58  
 Hohnstein, Robert P., Mar 25 p 74  
 Holman, Frank, Mar 4 p 36\*  
 Holland, R. W., June 10 p 29\*  
 Hollenbeck, M. W., Mar 18 p 40  
 Holmstrom, Leonard, Jan 29 p 40  
 Holt, Gilbert L., Jan 29 p 41  
 Holzmann, Thomas A., Feb 12 p 32  
 Honeycutt, James R., Apr 29 p 56  
 Hooker, T. G., June 24 p 56D  
 Hooks, A. V., Apr 1/8 p 44\*  
 Hooks, John, June 10 p 29  
 Hooring, John P., Feb 12 p 36  
 Hoover, Luther N., Jan 1/8 p 33  
 Hopkins, Edward R., Mar 25 p 68  
 Horan, Frank W., Jan 29 p 41  
 Hordern, Raymond T., Mar 25 p 68  
 Horner, Leonard M., Feb 12 p 36  
 Hoskins, Loyd E., Feb 5 p 35  
 Hostetter, R. J., Feb 26 p 46  
 Hotchkiss, Raymond G., Feb 5 p 36  
 Houghton, Donald W., Mar 18 p 40  
 Houser, Frederick N., Jan 22 p 42\*; May 6 p 11\*  
 Houser, L. Thomas, Jan 1/8 p 32  
 Housman, Richard J., June 17 p 37  
 Houston, James R., Mar 18 p 43  
 Hoving, H. C., May 13 p 50  
 Howdshell, Claude E., Mar 11 p 32  
 Howe, Merton G., June 17 p 17  
 Howe, Nels R., Feb 12 p 31  
 Hoyer, L. E., Apr 22 p 38  
 Hudson, Robert C., Jan 29 p 40\*  
 Hudson, Sam, Apr 22 p 36; May 6 p 32,  
 p 37\*  
 Huffman, H. D., Mar 11 p 32; Apr 29 p 58  
 Hughes, John A., Jr., June 17 p 17  
 Hughes, Kenneth D., Feb 12 p 36  
 Hunt, James S., Feb 12 p 33  
 Hunt, W. K., Jr., Apr 20 p 59  
 Huntenburg, W. E., Mar 18 p 48  
 Hupp, Vernon E., Jr., Feb 12 p 36  
 Hurst, Barry S., Jan 15 p 36  
 Hurst, C. J., June 17 p 37\*  
 Hurt, Peter F., Apr 15 p 39  
 Hurt, C. R., June 10 p 28  
 Hurt, LeRoy, Feb 19 p 32\*  
 Hutcheson, T. P., Jan 22 p 128  
 Hutchinson, Everett, Mar 18 p 64  
 Hutchison, N. W., June 3 p 26  
 Hyams, Robert E., Feb 26 p 46  
 Hyder, Max, Feb 26 p 46  
 Hynes, E. J., Feb 5 p 36

I

Ingalls, G. Howard, Feb 19 p 32  
 Ingemannsen, H. R., June 24 p 56D  
 Ingwersen, C. E., Feb 12 p 35  
 Harris, G. A., Apr 29 p 59  
 Harry, C. R., Mar 18 p 40  
 Hart, C. Eugene, June 17 p 37  
 Hart, Donald L., May 6 p 32  
 Hartigan, William J., Feb 26 p 46  
 Hartelle, R. A., Apr 29 p 58  
 Haslett, Robert, Feb 12 p 32  
 Hasselman, Richard E., Feb 12 p 33  
 Hastings, John G., June 24 p 56D  
 Hathaway, Melvin R., Jan 29 p 40  
 Hawkins, C. M., Feb 5 p 42  
 Hawkins, L. L., May 27 p 72  
 Hawkins, P. M., Feb 5 p 42  
 Hay, I. K., Mar 4 p 31  
 Hayghe, William R., June 10 p 28  
 Hebert, Philip T., Feb 19 p 32  
 Heck, Charles E., Feb 19 p 32  
 Hedley, William J., Jan 1/8 p 33; May 6 p 32  
 Heilmann, Joseph E., Feb 19 p 33  
 Heimsoj, J. G., Mar 18 p 41  
 Heise, Richard A., Apr 22 p 38\*  
 Hellenbrand, Samuel H., Feb 12 p 33  
 Helm, Sidney T., Jan 29 p 40  
 Helminkotter, A. M., June 3 p 28  
 Henderson, Armpstead C., Apr 29 p 59  
 Henderson, J. P., Apr 29 p 58  
 Henderson, Loyd R., Jan 29 p 40  
 Henderson, Walter H., Jr., Mar 18 p 40  
 Hendrickson, Paul, Feb 26 p 46  
 Henretta, J. V., Jan 1/8 p 32  
 Henry, D., Jan 29 p 33  
 Herbel, Richard W., Feb 12 p 36  
 Herbst, R. L., Mar 18 p 40  
 Herman, Joseph K., Feb 19 p 33  
 Herold, W. J., June 24 p 56D  
 Heron, James H., Feb 12 p 33  
 Herrin, H. S., Mar 27 p 72  
 Herron, M. Carl, Jan 22 p 130  
 Hessler, Kenneth W., Mar 27 p 72  
 Hewson, J. Lorne, Feb 19 p 32, p 33\*  
 Hickey, J. J., Jan 1/8 p 34; Apr 22 p 38\*  
 Hill, E., Mar 18 p 43  
 Hill, Chester W., Apr 29 p 59  
 Hill, G. F., Apr 29 p 58  
 Hill, L. E., Jan 1/8 p 32  
 Hill, Leonard, Mar 11 p 32  
 Hill, William G., Jan 1/8 p 33  
 Hillman, W. A., Apr 29 p 59  
 Hillpot, R. L., Feb 26 p 48  
 Hiltz, J. P., Feb 12 p 26\*  
 Hinton, J. H., Apr 29 p 58  
 Hintz, R. L., Feb 19 p 32  
 Hirn, Frederick D., Mar 18 p 48  
 Hoagland, A. E., Apr 1/8 p 44  
 Hochwarth, Robert F., Mar 4 p 31  
 Hockaday, Irvine O., Jr., Feb 12 p 31  
 Hoenig, William C., June 10 p 29  
 Hofer, Phil, Mar 18 p 48  
 Hoffman, G. J., June 24 p 56D  
 Hoffman, W. F., Apr 22 p 30  
 Hoffman, William D., Mar 25 p 74  
 Hoffmeister, Harold M., May 6 p 7  
 Hoffmeister, Charles J., Apr 29 p 58  
 Hohnstein, Robert P., Mar 25 p 74  
 Holman, Frank, Mar 4 p 36\*  
 Holland, R. W., June 10 p 29\*  
 Hollenbeck, M. W., Mar 18 p 40  
 Holmstrom, Leonard, Jan 29 p 40  
 Holt, Gilbert L., Jan 29 p 41  
 Holzmann, Thomas A., Feb 12 p 32  
 Honeycutt, James R., Apr 29 p 56  
 Hooker, T. G., June 24 p 56D  
 Hooks, A. V., Apr 1/8 p 44\*  
 Hooks, John, June 10 p 29  
 Hooring, John P., Feb 12 p 36  
 Hoover, Luther N., Jan 1/8 p 33  
 Hopkins, Edward R., Mar 25 p 68  
 Horan, Frank W., Jan 29 p 41  
 Hordern, Raymond T., Mar 25 p 68  
 Horner, Leonard M., Feb 12 p 36  
 Hoskins, Loyd E., Feb 5 p 35  
 Hostetter, R. J., Feb 26 p 46  
 Hotchkiss, Raymond G., Feb 5 p 36  
 Houghton, Donald W., Mar 18 p 40  
 Houser, Frederick N., Jan 22 p 42\*; May 6 p 11\*  
 Houser, L. Thomas, Jan 1/8 p 32  
 Housman, Richard J., June 17 p 37  
 Houston, James R., Mar 18 p 43  
 Hoving, H. C., May 13 p 50  
 Howdshell, Claude E., Mar 11 p 32  
 Howe, Merton G., June 17 p 17  
 Howe, Nels R., Feb 12 p 31  
 Hoyer, L. E., Apr 22 p 38  
 Hudson, Robert C., Jan 29 p 40\*  
 Hudson, Sam, Apr 22 p 36; May 6 p 32,  
 p 37\*  
 Huffman, H. D., Mar 11 p 32; Apr 29 p 58  
 Hughes, John A., Jr., June 17 p 17  
 Hughes, Kenneth D., Feb 12 p 36  
 Hunt, James S., Feb 12 p 33  
 Hunt, W. K., Jr., Apr 20 p 59  
 Huntenburg, W. E., Mar 18 p 48  
 Hupp, Vernon E., Jr., Feb 12 p 36  
 Hurst, C. J., June 17 p 37\*  
 Hurt, Peter F., Apr 15 p 39  
 Hurt, C. R., June 10 p 28  
 Hurt, LeRoy, Feb 19 p 32\*  
 Hutcheson, T. P., Jan 22 p 128  
 Hutchinson, Everett, Mar 18 p 64  
 Hutchison, N. W., June 3 p 26  
 Hyams, Robert E., Feb 26 p 46  
 Hyder, Max, Feb 26 p 46  
 Hynes, E. J., Feb 5 p 36

K

Jackson, Keith L., Mar 18 p 46  
 Jackson, Randall A., May 27 p 71  
 James, N. W., Jan 1/8 p 32\*  
 Jameson, Gilbert H., Feb 5 p 35  
 Jamison, C. J., Mar 11 p 32  
 Janer, Ray J., Jan 1/8 p 32  
 Jenkins, Linwood W., May 6 p 31  
 Jennings, W. L., May 27 p 71  
 Jensen, G. E., June 10 p 29  
 Jensen, Harold S., Feb 12 p 33; Mar 18 p 41  
 Jesse, Emil C., May 13 p 49\*  
 Johns, Paul H., June 24 p 56D  
 Johnson, B. J., Feb 19 p 32  
 Johnson, Charles E., May 27 p 72  
 Johnson, H. G., Jan 1/8 p 33  
 Johnson, J. J., Mar 20 p 37  
 Johnson, Neil G., May 6 p 32  
 Johnson, Norman M., Mar 25 p 74  
 Johnson, T. Earl, Feb 19 p 32; Apr 29 p 56  
 Johnson, W. B., Jan 1/8 p 15; Feb 5 p 7  
 Johnson, W. W., Jr., Apr 29 p 58  
 Johnston, Clarence Jr., Feb 12 p 36  
 Johnston, G. R., Feb 5 p 35; Feb 12 p 31\*  
 Johnston, Mervyn H., Feb 5 p 35  
 Johnston, Percy W., May 27 p 71  
 Johnston, W. J., June 24 p 56D  
 Jones, Dan F., June 17 p 37  
 Jones, J. E., Jr., June 10 p 28  
 Jones, J. S., June 3 p 28  
 Jones, Ralph, Apr 29 p 59  
 Josephson, B. C., Mar 18 p 40  
 Journeaux, H. D., Apr 29 p 56  
 Juge, Yvon E., May 27 p 70

Kahn, Fritz R., Mar 4 p 31  
 Kallenbach, Ralph M., Feb 26 p 48  
 Kane, John J., June 24 p 44\*  
 Kane, Joseph T., Jan 1/8 p 33  
 Kane, Ronald C., June 24 p 56D  
 Kanskorla, Frederick O., Feb 19 p 33  
 Kanzler, Alfred G., Jan 29 p 41  
 Kaplan, Dr. Isadore, May 13 p 49  
 Karcher, W. E., Jr., May 13 p 49  
 Kattau, F. L., Feb 12 p 33  
 Kay, T. C., Apr 29 p 58  
 Kaye, Charles, Feb 19 p 33  
 Kays, Otto W., Feb 19 p 33  
 Keenan, Max, Mar 18 p 46\*  
 Keeney, James P., Jr., Apr 22 p 30  
 Keiran, R. E., Feb 19 p 33  
 Keller, Douglas A., May 27 p 71  
 Keller, William M., Feb 19 p 32  
 Kelley, W. T., Mar 18 p 40  
 Kelly, Daniel T., June 24 p 56D  
 Kemmer, Douglas F., May 27 p 72  
 Keneffick, John C., Feb 12 p 32; Apr 22 p 36; May 6 p 31\*  
 Kennedy, W. S., Mar 18 p 41  
 Kenyon, C. Leo, Mar 18 p 43  
 Kerlee, E. B., Apr 29 p 58  
 Kerr, S. A., June 24 p 56D  
 Kerwin, J. D., Mar 25 p 68; June 10 p 28  
 Ketcham, K. R., Jan 22 p 130  
 Kidd, Harry E. C., Mar 18 p 40  
 Kidder, Oliver P., June 24 p 65  
 Kiebom, Ted, Mar 18 p 41  
 Kiley, Daniel L., May 27 p 72  
 King, Frank S., Apr 22 p 30  
 King, M. J., Mar 11 p 32  
 King, William L., Jan 1/8 p 32  
 Kingburg, Claude R., May 27 p 94  
 Kinney, Robert, June 24 p 65  
 Kipp, R. G., June 17 p 17  
 Kirby, Fred M., Feb 12 p 33  
 Kirby, Michael C., Jan 1/8 p 32  
 Kirk, G. M., May 27 p 71  
 Kirk, William F., Feb 12 p 32  
 Kirkman, Joseph A., Mar 18 p 43  
 Kirsten, Bruce M., Apr 15 p 39  
 Kiser, L. S., Jan 29 p 40; Feb 19 p 32  
 Kiesha, Henry J. W., May 27 p 72  
 Kleinkort, Joseph F., Feb 12 p 36  
 Klester, Harry A., May 13 p 49  
 Klevorn, R. R., Apr 29 p 58  
 Knak, William J., Mar 18 p 46  
 Kniel, Robert C., Feb 16 p 46  
 Knight, Guy W., Feb 12 p 32  
 Knoe, M. A., Feb 5 p 42  
 Knox, Seymour H., Feb 12 p 33

L

LaBelle, M. L., Mar 4 p 31  
 LaCasse, Paul E., May 27 p 72; June 24 p 56D

L

Ladkin, Robert W., Feb 26 p 46  
 Laden, H. N., Apr 29 p 56  
 Lahndorf, N. E., May 27 p 71  
 Laing, Oswald S., Mar 25 p 74  
 LaLonde, E. B., Jan 29 p 40  
 Lamb, V. P., Apr 1/8 p 44  
 Lambert, Kent E., May 21 p 72  
 Lamont, L., Mar 11 p 15  
 Landers, K. W., Mar 18 p 40  
 Lang, A. Scheffer, Apr 15 p 28\*; June 17 p 25\*  
 Lang, R. G., Apr 29 p 58  
 Langlois, Roger P., May 27 p 70  
 Landis, Phillip M., Jan 22 p 130\*; May 13 p 49\*  
 LaPine, Charles T., June 10 p 28  
 Lanning, Chester R., June 17 p 17  
 Lapeza, Chester R., June 10 p 28  
 Lappin, Joseph E., Apr 29 p 56  
 Laramee, L. G., May 27 p 70  
 Large, Henry W., Feb 12 p 32  
 Jones, Dan F., June 17 p 37  
 Jones, J. E., Jr., June 10 p 28  
 Jones, J. S., June 3 p 28  
 Jones, Ralph, Apr 29 p 59  
 Josephson, B. C., Mar 18 p 40  
 Journeaux, H. D., Apr 29 p 56  
 Juge, Yvon E., May 27 p 70

Lashley, William A., Feb 12 p 32; Mar 11 p 32

Lassiter, Roy L., Mar 18 p 40  
 Laurine, Robert F., Feb 26 p 48  
 Lausche, Frank L., May 20 p 38  
 Lauth, James H., Feb 5 p 36  
 Lawler, Bruce G., Feb 19 p 32  
 Lawrence, George M., May 6 p 31  
 Layton, Robert C., Feb 12 p 36  
 Leibacher, Robert O., Feb 5 p 35  
 Leach, C. G., Feb 5 p 36  
 Leake, J. D., June 17 p 17  
 Lee, J. D., June 17 p 17  
 Lees, Arthur G., Feb 5 p 42  
 LeFebvre, David E., June 17 p 17  
 LeFevre, Robert A., Apr 23 p 38  
 Lehn, Jean A., June 24 p 56D  
 Leigh, Dr. Southgate, Jr., June 10 p 29  
 Leitner, A. E., Apr 29 p 29  
 Leitch, Donald R., Jan 1/8 p 33  
 Lee, J. D., June 17 p 17  
 Lees, Arthur G., Feb 5 p 42  
 Lessing, Carl J., Feb 26 p 48  
 Leteron, L. R., Feb 19 p 32  
 Levine, Harold F., June 3 p 7  
 Lewey, C. W., Jan 1/8 p 32; Mar 18 p 40  
 Lewis, N. S., Jan 1/8 p 32  
 Lewis, William F., Feb 26 p 48; May 20 p 36

Leynes, J. A., Mar 11 p 32  
 Lich, Richard L., Jan 29 p 41\*  
 Lindquist, R. C., Apr 29 p 58  
 List, Douglass S., Jan 15 p 36  
 Little, Bernard H., May 6 p 32  
 Little, Earl E., Mar 18 p 40  
 Little, Joe E., Mar 18 p 41  
 Lloyd, J. H., June 24 p 56D  
 Lockwood, W. J., Jan 1/8 p 32  
 Loconto, James M., Jan 1/8 p 32  
 Levine, William A., Mar 25 p 68; June 10 p 28  
 Long, Jack R., Jan 1/8 p 34  
 Long, James R., May 20 p 37  
 Long, Karl, Mar 18 p 46\*  
 Long, R. N., Jan 1/8 p 33  
 Longhurst, Howard, Mar 4 p 36; May 27 p 70  
 Longren, S. H., Jan 29 p 40  
 Looney, Ben, Mar 25 p 74  
 Lorentzen, Norman M., Jan 1/8 p 32\*, p 33

Loucks, Ivan H., Apr 29 p 56  
 Loughnane, John F., May 27 p 72  
 Loughrey, J. Robert, Feb 12 p 36  
 Lovelace, Ralph A., Feb 5 p 42  
 Lovett, Garrett J., Feb 5 p 35  
 Lowe, J. Norman, Mar 18 p 40  
 Lowe, K. E., June 24 p 56D  
 Loyelle, William P., Feb 26 p 48  
 Lucas, Orin K., May 13 p 49  
 Lucchesi, John, June 24 p 56D  
 Lucey, E. T., Feb 19 p 33  
 Ludwig, Kenneth J., Jan 22 p 130

Luepke, Jerry R., Jan 1/8 p 32  
 Lukian, William T., Feb 26 p 46  
 Lunding, Franklin J., Feb 12 p 33  
 Lusignan, Joseph T., May 6 p 32  
 Luttrell, G. E., Feb 26 p 48  
 Lutzenberger, B. J., May 27 p 71  
 Lyons, Catherine A., Mar 25 p 68; June 10 p 28  
 Lytle, H. E., Feb 5 p 36

M

Macanally, J. R., June 10 p 28\* p 39  
 Macdougall, J. W. G., Feb 12 p 31\*  
 MacIsaac, Lawrence, Feb 5 p 35  
 MacLearn, Rodney E., Apr 22 p 30  
 MacMillan, Lyle F., Jan 1/8 p 32  
 Madsen, John K., June 24 p 65  
 Maenner, William, Feb 5 p 42  
 Magee, Edwin W., May 27 p 72  
 Magee, Gerald M., Feb 19 p 32  
 Magill, Paul C., Apr 22 p 30  
 Magruder, C. G., Feb 12 p 33  
 Maher, John J., Apr 22 p 30  
 Maher, John J., Feb 12 p 32  
 Mahoney, James J., Jan 29 p 40  
 Maidman, Irving, June 10 p 28  
 Maidman, Robert, June 10 p 28  
 Mallery, William C., Mar 25 p 68  
 Maloney, Gerald J., May 27 p 72  
 Mann, Robert E., Mar 25 p 74; May 6 p 32  
 Mansell, Darrel, June 3 p 44\*  
 Mare, David L., Feb 19 p 32  
 Marinier, R. V., Apr 29 p 58  
 Markley, Herbert E., May 6 p 32\*  
 Marks, E. L., Sr., Mar 25 p 68  
 Marohnich, Henry P., Feb 19 p 32  
 Marah, L. C., June 24 p 56D  
 Martin, Donald T., June 24 p 78  
 Martin, Edward F., Mar 11 p 32  
 Martin, Hugh J., April 22 p 30  
 Martin, Michael J., May 21 p 71  
 Martineck, Rudy, May 6 p 32  
 Martorano, Charles B., Apr 29 p 58\*  
 Marvin, N. B., June 10 p 28\* p 39  
 Marzoni, Louis B., Mar 25 p 42  
 Masden, R. W., May 20 p 37  
 Massie, J. W., Mar 18 p 43\*  
 Masters, John F., Apr 29 p 50  
 Mather, Richard A., Feb 12 p 36  
 Matheson, M. A., Feb 5 p 35; Mar 18 p 40  
 Mathews, Karl D., Mar 18 p 41  
 Mattingly, Paul G., Feb 19 p 32  
 Mauney, Harold S., Jr., Mar 25 p 68  
 May, T. L., Apr 22 p 30  
 Mayher, C. D., June 10 p 20\*  
 Maynard, A. L., June 3 p 28  
 McBride, E. S., Sr., Feb 5 p 42  
 McCaffrey, Walter C., Mar 25 p 68  
 McCollum, James O., May 6 p 30  
 McConnell, Stephen S., Jan 29 p 40  
 McCormack, Raymond F., Feb 10 p 32  
 McCoy, David E., Apr 15 p 39  
 McCracken, N. L., Mar 18 p 43  
 McCron, Raymond C., Feb 12 p 32  
 McCurdy, F. A., June 10 p 29  
 McCurry, L. R., Mar 11 p 32  
 McDaniel, J. A., May 13 p 49  
 McDaniels, Edward E., Feb 12 p 31  
 McDermott, Francis O., Mar 18 p 40  
 McDonald, J. A., Feb 5 p 35  
 McDowell, Edgar A., May 6 p 31  
 McElroy, Francis R., Feb 12 p 36  
 McGee, R. K., May 27 p 72  
 McGinn, P. A., May 27 p 71  
 McGuigan, F. H., Apr 29 p 58  
 McGuire, G. J., Apr 29 p 58  
 McGuire, Robert E., Mar 4 p 31  
 McGuire, S. H., Apr 29 p 59  
 McHale, H. B., May 20 p 37  
 McIntyre, Homer O., May 27 p 72  
 McJannet, J. M., Feb 19 p 32  
 McKenna, John P., Mar 18 p 43  
 McKnight, R. W., Jan 22 p 20\*  
 McKone, Don T., April 15 p 39  
 McLarn, Jack C., Jan 22 p 130  
 McLaughlin, John W., Mar 18 p 43  
 McLaughlin, John P., Feb 26 p 48  
 McLean, C. C., May 13 p 50  
 McLellan, Donald A., April 22 p 38  
 McLennan, William E., Jan 22 p 130\*  
 McMillan, Don C., Mar 18 p 43  
 McMillan, Robert E., Jan 29 p 40  
 McMillen, R. M., Feb 5 p 42  
 McMullen, V. C., Mar 25 p 74  
 McNab, John L., Apr 29 p 56  
 McOwan, W. R., May 27 p 71  
 McPhee, Susan, June 3 p 19\*  
 McPherson, J. N., Apr 1/8 p 44  
 McVoy, Frank R., Feb 12 p 31, p 32  
 Meaney, W. F., Feb 26 p 46  
 Meier, A., Feb 26 p 48  
 Meislahn, Harry S., Jan 22 p 130\*  
 Meissner, Edwin B., Jr., Jan 15 p 36\*  
 Mel Dahl, Roger G., Mar 18 p 41  
 Melhado, J. P., Mar 18 p 46  
 Mellon, Richard K., Feb 12 p 33; Mar 18 p 7  
 Menk, Louis W., Jan 29 p 40; Feb 5 p 7; June 17 p 25\*  
 Mercer, A. O., June 10 p 29\*  
 Messer, William D., Mar 18 p 46  
 Messett, George M., Feb 26 p 46  
 Meyer, C. J., May 27 p 94  
 Meyers, B. R., May 20 p 37  
 Mezik, Samuel, Feb 12 p 33  
 Michie, E. M., Feb 19 p 32  
 Michon, Alfred E., Feb 5 p 42  
 Middleton, Donald E., May 13 p 49

## PEOPLE IN THE NEWS—Continued

[\* Indicates photograph]

Miesert, John F., May 6 p 32  
 Milby, Sam H., May 20 p 37  
 Miller, C. C., May 27 p 72  
 Miller, G. H., June 24 p 56D  
 Miller, Harry C., Apr 1/8 p 44\*; June 10 p 28\*  
 Miller, Henry H., Apr 29 p 56  
 Miller, L. H., Apr 29 p 58  
 Miller, Luther, Jan 1/8 p 21\*  
 Minor, Robert W., Feb 12 p 32  
 Miralia, Rocco J., May 27 p 94\*  
 Mitchell, Morris E., Feb 26 p 46\*  
 Mitts, Neil A., Jan 29 p 40  
 Moir, G. Russell, Feb 26 p 27\*  
 Moloney, William M., Feb 12 p 31  
 Moncrief, R. O., Feb 26 p 46  
 Monks, John P., June 10 p 28  
 Montbriant, Robert M., Jan 22 p 130  
 Montgomery, Thomas B., Mar 18 p 43  
 Moon, Paul, Apr 15 p 39\*  
 Moore, A. C., Jr., June 10 p 28  
 Moore, E. K., Mar 18 p 40  
 Moore, Henry R., Apr 28 p 59  
 Moore, James C., Feb 19 p 32  
 Moore, R. D., May 27 p 72  
 Moore, Ray A., Mar 18 p 43  
 Moore, Roy A., Mar 18 p 43  
 Moore, T. D., Jr., June 17 p 17  
 Moore, Thomas P., May 13 p 49  
 Moorhead, B. A., June 24 p 56D  
 Morasco, Lois M., May 13 p 50  
 Morgan, Harold F., Mar 25 p 68\*; Apr 22 p 30  
 Morgan, Roy W., Jan 29 p 41  
 Morris, B. L., Mar 18 p 43  
 Morris, J. A., Mar 18 p 40  
 Morrison, H. R. W., Mar 18 p 40  
 Morrison, William F., Mar 25 p 74  
 Morton, C. S., June 10 p 27  
 Moryto, Walter, Feb 19 p 33  
 Moseley, Spencer D., Feb 26 p 48\*  
 Mouland, H. G., May 27 p 70  
 Mowen, W. F., Feb 5 p 36\*; p 42  
 Muldoon, Cecil G., Mar 11 p 32  
 Mulhern, Richard J., May 13 p 7  
 Mullen, J. N., Jan 26 p 40  
 Murlowski, Richard L., Mar 4 p 31\*  
 Murphy, C. A., Jan 29 p 40  
 Murphy, Charles L., Mar 18 p 41  
 Murphy, Edward J., Feb 19 p 33  
 Murphy, John K., Mar 11 p 32  
 Murphy, Michael, Mar 11 p 32  
 Murphy, Patrick T., Jr., Mar 25 p 68  
 Murphy, Robert E., Feb 5 p 42  
 Murphy, Robert J., Feb 5 p 35  
 Murphy, William P., Jr., Mar 25 p 68  
 Murray, J. G., May 27 p 70  
 Murray, John P., Jan 15 p 36  
 Murray, Robert W., Feb 26 p 48  
 Murray, W. E., May 27 p 71  
 Murry, Edward F., Mar 18 p 40  
 Musselwhite, J. E., Feb 5 p 42

Nagle, James C., Mar 4 p 31  
 Napoli, Peter J., Jan 29 p 40  
 Nappier, E. W., May 13 p 50  
 Neal, R. C., Jr., Apr 29 p 59  
 Neal, W. B., Apr 29 p 58  
 Neel, Vint R., Jr., Feb 19 p 33  
 Negron, James L., May 27 p 72  
 Neider, Paul W., Jan 1/8 p 32  
 Neikirk, Joseph R., Mar 18 p 40  
 Nelsen, Louis E., Feb 26 p 48\*  
 Nelson, Bruce A., Feb 19 p 32  
 Nelson, Charles L., June 17 p 17  
 Nelson, David S., Jan 1/8 p 32  
 Newell, B. E., June 3 p 28  
 Newton, Robert H., Apr 29 p 59  
 Nicholas, R. H., Jan 22 p 130  
 Nichols, Clyde, Jan 1/8 p 33  
 Nichols, T. L., Apr 1/8 p 44  
 Nicholson, John J., June 24 p 65  
 Nicol, D. T., May 13 p 50  
 Niemeyer, A. F., Feb 5 p 42  
 Noone, William J., Jan 1/8 p 33  
 Norman, O. J., Jan 1/8 p 32  
 Norris, Donald O., Mar 11 p 32  
 Norris, James E., June 10 p 29\*  
 Norris, John T., Jr., Feb 5 p 42  
 Norton, W. C., May 27 p 71  
 Norwood, John B., Jr., Feb 5 p 36  
 Norwood, John E., Mar 18 p 41  
 Noseworthy, Lloyd M., Feb 5 p 42

Oaks, James A., May 6 p 32\*  
 O'Boyle, T. P., Feb 19 p 33  
 O'Brien, Charles A., Mar 25 p 74  
 O'Brien, Donald J., Mar 25 p 68  
 O'Brien, Michael F., Apr 22 p 30  
 O'Brien, Thomas E., Feb 19 p 32  
 Obusin, Charles, Mar 25 p 74  
 Ochs, Clair V., Mar 4 p 31  
 O'Connor, Harold R., Feb 12 p 36  
 O'Connor, William J., Feb 5 p 36  
 Odiorne, D. W., Mar 25 p 74  
 Ogle, Dale E., Jan 29 p 41\*  
 Ogleby, William H., Apr 29 p 59  
 O'Hara, H. Russell, Jan 29 p 40  
 Chorodnik, John J., Feb 10 p 32\*  
 O'Keefe, J. J., May 13 p 50  
 Olin, James R., June 17 p 37  
 Olmstead, Evan E., Feb 5 p 36

Olsen, Iver S., May 20 p 37\*; June 24 p 44\*  
 Olsen, Robert S., Feb 19 p 33  
 Onken, George M., May 18 p 49  
 Oppenheimer, Robert H., June 24 p 65\*  
 Orelli, Eustace L., June 24 p 56D  
 O'Ree, T. R., Jan 1/8 p 52\*  
 Ormond, John T., Mar 18 p 40  
 Otwell, Orville V., Mar 18 p 43  
 Overlie, T. G., May 13 p 50  
 Oyarzo, John R., Feb 26 p 46

Packer, R. A., Jan 29 p 40  
 Packo, W. A., Apr 29 p 56  
 Padgett, J. C., Jan 22 p 130  
 Pakhus, Joseph, May 13 p 49  
 Palmer, Howard C., Mar 18 p 48  
 Park, Herbert W., Jan 29 p 41\*  
 Parker, John M., June 17 p 37  
 Parker, Thomas Jr., May 13 p 50  
 Parrish, Harry L., Mar 4 p 31  
 Parrish, J. J., Apr 29 p 59  
 Parsons, Larry R., Apr 1/8 p 44  
 Parsons, C. J., Feb 19 p 32  
 Pasta, William J., May 27 p 72  
 Paternoster, Leo J., June 10 p 28  
 Patten, John G., Feb 12 p 32; Mar 18 p 41  
 Patterson, Norman P., Apr 22 p 30  
 Patterson, Robert A., May 13 p 49  
 Patterson, Charles L., Mar 11 p 32\*  
 Paul, Don W., Apr 15 p 39  
 Paul, George S., Feb 5 p 36\*; May 6 p 31  
 Paul, Gilbert E., June 10 p 28  
 Payne, A. L., June 3 p 28  
 Pedersen, R. D., Apr 29 p 58  
 Peebles, J. A., May 27 p 70  
 Pendergast, Robert W., Feb 5 p 42  
 Perazzo, Dante, Mar 18 p 43  
 Perfetti, E. P., May 27 p 70  
 Perkins, S. L., Mar 18 p 48  
 Perkins, Thomas L., Feb 12 p 33  
 Perlman, Alfred E., Jan 22 p 12; Feb 5 p 24; Feb 12 p 32  
 Petersen, Donald R., Feb 19 p 33  
 Petersen, George A., June 10 p 27  
 Peterson, Alvin C., Mar 18 p 43  
 Peterson, Leonard E., Feb 19 p 33  
 Peterson, Roy J., May 27 p 72  
 Pettigrew, R. F., June 10 p 28\*; p 29  
 Pettigrew, Robert W., June 24 p 65  
 Pevier, Herman H., Feb 5 p 7  
 Pew, Arthur E., III, Mar 25 p 68  
 Phelps, Donald E., Feb 5 p 42  
 Phelps, Walter M., Mar 18 p 43  
 Phillips, Duncan B., Feb 26 p 46  
 Phillips, Ian M., Jr., June 24 p 56D  
 Phillips, John R., Feb 5 p 42  
 Phleger, James L., May 27 p 71  
 Pieper, F. W., Feb 5 p 42  
 Pierce, Dick, Mar 25 p 74  
 Pinkham, R. E., Apr 1/8 p 44  
 Pleiss, C. William, Feb 19 p 33  
 Plummer, Kenneth V., Jr., May 27 p 72  
 Pogue, G. D., Feb 5 p 36  
 Poirier, William W., Mar 11 p 32  
 Polich, A. W., May 13 p 49\*; p 50  
 Pollard, Charles D., Feb 12 p 31  
 Pongrace, Otto W., Feb 12 p 33  
 Pope, R. R., Feb 19 p 33  
 Pope, W. B., Jan 29 p 40  
 Pope, Charles T., Feb 12 p 33  
 Porter, Lester B., Feb 19 p 33  
 Porte, Robert N., Jan 1/8 p 34; Feb 12 p 36  
 Pottle, E. Max, Jan 26 p 41  
 Powell, William C., Jan 15 p 36  
 Preble, Robert E., Feb 5 p 42  
 Preble, Victor L., Jan 22 p 130\*; Mar 25 p 37  
 Prendiville, John F., Feb 19 p 33  
 Presby, Ted H., Jan 1/8 p 32  
 Pretti, R. C., June 10 p 29\*  
 Prindle, R. J., Feb 19 p 33  
 Pritzl, Nick, Feb 19 p 33  
 Prizer, John B., Feb 12 p 32  
 Purdy, M. L., June 24 p 56D  
 Purdy, R. L., May 27 p 70

Quan, E. D., Mar 25 p 7  
 Quarles, J. L., Jr., Feb 19 p 32  
 Quilter, Richard J., May 6 p 32  
 Quinby, William K., Mar 17 p 32

Ramsay, Harry H., Mar 18 p 41  
 Rathmann, Edward C., Jan 1/8 p 34\*  
 Ratkin, M. M., Apr 29 p 56  
 Rauch, R. Stewart, Feb 12 p 33  
 Rawson, Ralph H., June 17 p 37  
 Ray, Thornton L., Jan 29 p 40  
 Rayburn, W. H., Feb 5 p 42  
 Raymond, Robert M., Mar 18 p 48\*  
 Rea, Rodney R., Feb 12 p 31  
 Records, John K., Feb 26 p 46  
 Redus, Robert B., May 27 p 72  
 Reed, Frederic D., Jan 29 p 40  
 Reghanti, Tom, Mar 18 p 45\*  
 Reimann, Leo G., Feb 5 p 42  
 Reinhardt, William, May 6 p 32  
 Remington, Thomas R., Jan 15 p 36\*  
 Regus, Earl F., Jan 1/8 p 32\*; Mar 17 p 33  
 Reynolds, Glenn F., Feb 19 p 32\*  
 Reynolds, T. J., Mar 18 p 43  
 Rhodes, F. C., Mar 11 p 32  
 Rice, W. Thomas, Jan 1/8 p 7  
 Richards, Malcolm P., Feb 12 p 33  
 Richardson, R. W., Feb 12 p 31  
 Richardson, L. A., Feb 5 p 42  
 Richer, Jean H., Feb 5 p 35  
 Richter, A. A., May 13 p 50  
 Rider, Ken T., Feb 12 p 36  
 Riley, R. T., Mar 18 p 40  
 Riley, Richard L., May 20 p 37  
 Rincliffe, R. G., Feb 12 p 33  
 Risner, H. L., June 24 p 56D  
 Ritter, H. W., Feb 12 p 31  
 Roberts, Bayard H., Feb 12 p 32  
 Roberts, J. F., Feb 5 p 35  
 Robins, L. Grant, Apr 22 p 30  
 Robinson, R. E., Jan 29 p 40  
 Robson, John, May 13 p 11  
 Rockefeller, Nelson, Mar 18 p 7  
 Rodgers, Gordon A., May 27 p 72  
 Roe, William D., May 13 p 48  
 Rogers, M. E., Mar 4 p 36  
 Rogers, S., Apr 29 p 59  
 Romans, Donald B., Feb 19 p 33  
 Ronan, William J., Mar 4 p 18\*; June 17 p 7  
 Rooney, W. J., Apr 22 p 38  
 Rose, Rupert H., Feb 26 p 46  
 Ross, Paul M., May 27 p 74  
 Rossini, Richard M., Mar 11 p 32; Mar 25 p 68  
 Roth, Fred S., Mar 11 p 32  
 Roth, J. C., Apr 29 p 59  
 Rothlisberger, Henrik P., May 13 p 50  
 Rother, R., June 24 p 56D  
 Rout, J. E., May 20 p 37  
 Routh, Carlos J., Feb 12 p 33  
 Rovet, Frederick W., Jan 1/8 p 32  
 Rowland, W. E., Mar 18 p 46  
 Royce, G. A., Feb 12 p 32  
 Ruby, William E., Mar 18 p 40  
 Rudder, Paul R., Jan 29 p 40  
 Ruegg, D. G., Jan 29 p 40  
 Ruff, G. W., Feb 5 p 42  
 Rushin, George, Feb 26 p 46; Mar 4 p 31  
 Russell, Donald J., May 27 p 11  
 Russell, Evan, June 24 p 56D  
 Russell, John M., Apr 15 p 39  
 Russell, Robert W., Apr 29 p 56, 58\*  
 Rutherford, F. A., Feb 5 p 36  
 Ryan, Michael F., Mar 25 p 74  
 Ryan, T. F., Mar 18 p 43

Sacheck, J. J., Jan 1/8 p 32  
 Salley, Carle H., Mar 4 p 31  
 Salter, John E., Jan 22 p 130\*  
 Salter, William B., Apr 22 p 30\*  
 Sandell, Clyde R., June 24 p 65  
 Sanders, Kenneth C., Feb 5 p 42  
 Sanders, C. S., May 13 p 49  
 Sande, N. H., May 20 p 37  
 Sansom, R. E., Feb 19 p 32  
 Sansverie, George A., Feb 12 p 31  
 Sant, William W., June 17 p 37  
 Sarakoff, William L., Feb 19 p 33  
 Saunders, Stuart T., Jan 22 p 12; Feb 5 p 24; Feb 12 p 32  
 Scales, J. L., Feb 19 p 32  
 Scalain, Charles T., Jan 1/8 p 7; Jan 15 p 36  
 Schaal, M. J., Feb 26 p 46  
 Scherer, R. J., Apr 29 p 58  
 Schickendanz, H. J., June 17 p 37  
 Schiffer, Charles L., June 10 p 28\*  
 Schiappa, R. D., Mar 18 p 41  
 Schmidt, Joseph J., Apr 29 p 56  
 Schneider, A. L., Mar 11 p 32  
 Schneider, Joseph R., May 27 p 94  
 Schreiber, R. D., Jan 1/8 p 33  
 Schoettler, W. D., Jan 1/8 p 33  
 Schofield, A. M., Feb 12 p 33  
 Shobert, W. E., June 24 p 56D  
 Schramm, Earl M., Feb 26 p 46  
 Schuh, A. M., June 3 p 28  
 Schwartz, D. W., April 22 p 30  
 Schwartz, D. W., Jan 1/8 p 32; Feb 12 p 31  
 Scott, A. L., Mar 18 p 41  
 Scott, Frank A., May 27 p 94  
 Scott, Homer C., Mar 18 p 41  
 Scott, W. G., Feb 5 p 36  
 Seehausen, Lester W., Feb 5 p 35  
 Seely, Robert M., Mar 18 p 46  
 Seeman, Robert H., Mar 25 p 68  
 Seeman, Samuel W., Feb 12 p 32  
 Seidemann, Herbert, Jan 29 p 40  
 Selby, Don P., May 27 p 94  
 Sell, James E., Apr 29 p 56\*  
 Sells, J. D., Apr 29 p 56  
 Selover, John C., Feb 12 p 31  
 Sempier, C. G., Feb 12 p 33  
 Semple, H. T., Mar 18 p 43  
 Sensenbaugh, W. H., Feb 5 p 42  
 Sexton, Ralph E., Feb 19 p 33  
 Shackelford, Theodore R., June 24 p 56D  
 Shaffer, George A., Mar 18 p 41  
 Shaffer, J. E., June 10 p 27\*; June 24 p 45\*  
 Shallit, Joseph, Mar 11 p 32  
 Shannon, C. C., May 27 p 94  
 Sharp, R. A., Jan 22 p 130  
 Shaughnessy, Richard P., Feb 5 p 35  
 Shea, A. L., May 27 p 94  
 Shea, John H., Mar 4 p 31  
 Shearer, J. A., June 10 p 27  
 Sheasley, Jay R., May 27 p 94\*

Shepherd, A. M., Mar 4 p 31  
 Shepherd, James, Jan 1/8 p 32  
 Sherman, Alexander, Feb 12 p 36  
 Sherron, J. P., June 24 p 56D  
 Shewbridge, James C., May 27 p 71  
 Shields, B. Warren, Feb 12 p 31  
 Shoemaker, Perry M., Apr 29 p 7; June 17 p 17  
 Showalter, C. O., June 10 p 28\*; p 29  
 Shinn, Donald A., Feb 19 p 33  
 Siegel, Thomas J., Mar 18 p 40\*  
 Siegmund, T. O., Mar 18 p 43  
 Siemon, Edward J., Jr., May 13 p 50  
 Sigourney, David, Jan 29 p 41  
 Sims, James E., Jan 29 p 40  
 Sims, W. N., Jan 29 p 40  
 Sims, William R., June 24 p 56D  
 Sites, James N., Mar 11 p 7  
 Skar, D. P., Apr 15 p 39  
 Skinner, Alfred, Feb 26 p 46\*  
 Slater, Robert J., June 24 p 56D  
 Smart, V. G., June 24 p 56D  
 Smirl, D. W., Jan 22 p 130  
 Smith, D., Feb 5 p 35  
 Smith, D. B., Feb 19 p 32  
 Smith, Dwight M., Apr 29 p 56  
 Smith, George M., Apr 22 p 30\*  
 Smith, J. A., June 24 p 56D  
 Smith, John W., Jan 18 p 7 p  
 Smith, Leland D., May 27 p 72  
 Smith, Marvin L., Feb 12 p 31  
 Smith, R. E., Apr 29 p 58  
 Smith, Richard B., May 27 p 72  
 Smith, Robert O., Jr., Jan 22 p 130  
 Smith, Rudolph, May 6 p 32  
 Smith, Scott L., Feb 19 p 33  
 Smith, V. L., June 3 p 28  
 Smolinski, Wayne, June 24 p 65  
 Smucker, David E., Feb 12 p 32  
 Smyth, D. Crawford, May 6 p 37\*  
 Snider, Harry L., Apr 29 p 58  
 Snyder, E. Q., Jan 29 p 40  
 Snyder, R. B., Feb 5 p 42  
 Sokel, Cyrus J., Mar 25 p 68  
 Soldish, Irwin H., May 27 p 72  
 Sonneborn, Charles B., Apr 1/8 p 44  
 Sonnenman, George, Feb 12 p 36  
 Soper, Frank W., Sr., June 17 p 37  
 Sorensen, Thomas, June 17 p 17  
 Sorenson, E. A., May 27 p 72  
 Sosamon, R. E., Jr., June 13 p 49\*; p 50  
 Spachman, R. W., Feb 12 p 31  
 Speegle, William, June 10 p 28  
 Spencer, C. H., Jan 22 p 130  
 Spencer, Charles T., Feb 12 p 31  
 Spencer, Ellwood H., Jan 29 p 41  
 Spencer, F. B., June 24 p 56D  
 Spencer, James L., June 24 p 56D  
 Spicer, D. W., Feb 5 p 36  
 Sprackett, T. R., Mar 18 p 40  
 Spriggs, Thomas C., Jan 15 p 36  
 Springer, Howard A., May 21 p 71  
 Spurrier, Harry B., Mar 11 p 32  
 Staiger, John H., Mar 18 p 46  
 Stair, J., Apr 15 p 39  
 Stamos, J. N., May 27 p 71  
 Stanchfield, E. H., May 13 p 50  
 Stane, R. A., Feb 19 p 33  
 Stanford, C. G., May 27 p 70  
 Stanley, Josiah A., Jr., Mar 25 p 68\*  
 Stark, E. F., June 3 p 28  
 Starker, Dan, Mar 18 p 41  
 Staub, Michael T., June 10 p 28  
 Stayberg, J. C., Feb 26 p 46  
 Steele, A. H., Jr., Jan 1/8 p 32  
 Steele, A. Hugh, Apr 29 p 59  
 Steele, M. H., Jan 29 p 40\*  
 Steele, N. P., Apr 29 p 59  
 Steinholtz, F. Lynn, Jan 1/8 p 32\*; p 33  
 Stenberg, D. L., June 24 p 56D  
 Steuer, L. W., Apr 29 p 59  
 Stewart, W. G., Mar 11 p 32  
 Sticht, J. W., Jr., June 10 p 29  
 Stitt, Paul E., Jan 1/8 p 32  
 Stobie, James S., Feb 19 p 33  
 Stokes, W. H., Apr 1/8 p 26\*  
 Stone, Nathan N., Mar 11 p 32  
 Stone, William W., Mar 18 p 40  
 Stowell, William C., Feb 19 p 33  
 Strader, Lawrence D., Apr 29 p 59  
 Straham, Paul E., Apr 1/8 p 44  
 String, Clifford S., Mar 11 p 31  
 Strench, Donald D., June 17 p 17\*  
 Strot, C. William, June 17 p 40  
 Strom, A. L., May 27 p 71  
 Strom, Malcolm O., June 24 p 56D  
 Strongin, Bernard J., Mar 25 p 68  
 Stuhl, Edward T., Mar 25 p 74  
 Sullivan, Harry L., Jan 1/8 p 32  
 Sullivan, James R., Feb 12 p 32  
 Sullivan, Paul H., May 27 p 72  
 Suphin, Dr. Adney K., June 10 p 29  
 Sutton, Richard L., Mar 18 p 43  
 Svancina, Edward J., Mar 18 p 43  
 Swan, W. M., Jan 29 p 40  
 Swanson, Donald A., Apr 22 p 30  
 Swartzlander, T. G., Jan 1/8 p 32; May 20 p 37  
 Swartzwelder, A. B., Feb 5 p 36  
 Sweeney, John J., Jan 1/8 p 33  
 Sweeney, Raymond F., Feb 5 p 35  
 Swert, Robert E., Apr 22 p 30  
 Swinehart, Dwight A., Feb 5 p 36  
 Synder, Harry A., Feb 26 p 48  
 Sykes, James E., Jan 29 p 40  
 Symes, James M., Feb 12 p 33; Mar 18 p 7  
 Szeliaki, Z. L., May 27 p 70

T

Taft, Walter, Jan 1/8 p 23\*  
Talbott, L. K., Jan 22 p 130  
Talley, C. J., Jan 1/8 p 32  
Tanner, Michael J., June 24 p 56D\*  
Tatum, A. S., June 3 p 28  
Taylor, Daniel E., Feb 12 p 33  
Tedesco, G. A., May 20 p 37\*  
Tell, H. O., Jan 1/8 p 32  
Tegg, B., May 21 p 72  
Thiborost, James A., Jan 20 p 40  
Terry, Jack, Feb 12 p 33  
Theobald, Frank, Aug 15 p 39  
Theobald, Theodore A., June 10 p 28  
Thill, James S., Feb 26 p 46  
Thomas, Codie E., May 13 p 49  
Thomas, W. T., May 13 p 50  
Thompson, C. J., Apr 29 p 59  
Thompson, Charles W., Jan 1/8 p 33\*  
Thompson, Churchill, Mar 25 p 68  
Thompson, Estes C., May 6 p 32  
Thompson, George W., Mar 16 p 41  
Thompson, J. C., Feb 19 p 32  
Thompson, Lester G., Jr., May 13 p 50  
Thompson, M. L., Jan 29 p 40  
Thompson, Reginald J., Apr 22 p 30  
Thompson, T. B., Apr 22 p 38  
Thorfinnsson, Rosi L., Feb 19 p 33  
Thornborough, M. L., May 27 p 71  
Thornton, Briggs, Jan 1/8 p 32  
Thurston, Oliver R., June 10 p 28  
Timbers, Ralph F., Mar 11 p 32  
Timken, W. R., Apr 15 p 39\*; May 6 p 31  
Timpany, Robert D., Feb 12 p 33  
Tobin, Richard K., Feb 19 p 33\*  
Tolin, John E., Feb 19 p 33  
Tolleson, Lawson G., May 6 p 31  
Toole, John L., Apr 29 p 56\*  
Toot, F. J., Jr., May 6 p 32\*  
Torney, A. A., June 3 p 28  
Torrence, Ronald W., May 6 p 31  
Townsend, R. H., Mar 25 p 74  
Tracy, W. O., Jr., Mar 16 p 40  
Tuel, Wallace R., May 6 p 31  
Tuohy, A. J., Feb 12 p 33  
Tyler, M. E., Feb 12 p 36

11

Upland, E. M., Feb 5 p 36  
Utterback, J. W., Feb 5 p 43

v

Vander Leest, Wayne, May 27 p 94  
 Vanhaile, E. H., Jan 22 p 136  
 Van Horn, Charles R., Jan 22 p 130  
 Van Horn, James A., Feb 12 p 36  
 Van Lear, W. B., Jan 1/8 p 32  
 VanLuvanen, George F., Feb 19 p 33  
 Van Patten, T. M., Apr 29 p 56  
 Van Riel, Arthur L. J., June 24 p 56D  
 Van Zinderen, Leonard L., May 27 p 71  
 Vans, G. L., Apr 29 p 58  
 Vans, G. L., May 22 p 32  
 Veal, J. T., May 6 p 31  
 Verd, Paul H., May 27 p 71  
 Vey, Robert E., Feb 26 p 48  
 Vick, Randall G., May 27 p 72  
 Victory, G. C., Mar 18 p 40  
 Vietsch, Grant C., Jan 1/8 p 33  
 Vilagos, J. P., Feb 5 p 35  
 Vogel, Bruce, June 24 p 65  
 Vorhipski, Walter F., Feb 19 p 33

12

Wachenfeld, Richard B., June 17 p 17  
 Wages, T. D., Feb 19 p 32  
 Wagner, C. W., May 27 p 70  
 Wagner, Harry S., Jan 29 p 41  
 Wagner, William C., Feb 19 p 32  
 Waite, David L., Mar 18 p 41  
 Walbert, David E., Feb 26 p 48  
 Wales, O. J., April 29 p 58  
 Walker, A. C., Jr., Jan 1/8 p 32  
 Walker, Adrian A., Mar 25 p 74  
 Walker, D. W., June 3 p 28  
 Walker, Ellie E., Jr., Jan 1/8 p 34  
 Walker, Finis H., Jan 1/8 p 32  
 Walker, John C., Jan 1/8 p 32; June 24 p 56D  
 Walker, John G., June 10 p 27  
 Walker, M. E., June 3 p 28  
 Walker, Norman, Jan 29 p 41  
 Walker, Thomas, Jan 1/8 p 32  
 Wall, Frank, Jan 1/8 p 33  
 Wallace, J. L., June 10 p 28  
 Wallis, J. H., Feb 19 p 32  
 Wallner, Andrew J., Jan 29 p 41  
 Walsh, John J., May 27 p 71  
 Walsh, Joseph R., Jan 1/8 p 32  
 Walsh, T. M., June 24 p 56D  
 Walton, Charles A., May 6 p 37  
 Wardlaw, C. W., June 24 p 56D  
 Ware, C. H., Feb 5 p 42

## OBITUARY

Anthon, Harold S., Feb 5 p 36

Bartsch, Herbert E., Mar 4 p 31

Beale, Frank D., May 6 p 37

Belcher, Carlos S., Jan 22 p 130; Feb 11 p 32

Bowman, Gail R., Feb 5 p 42

Burris, T. Frederick, May 13 p 50

Casey, Frank J., June 10 p 29

Chase, William G., Apr 1/8 p 44

Davidson, Edward H., Jan 23 p 41

Dennis, Fred L., Feb 25 p 48

Fletcher, James G., Jan 29 p 41  
 French, Edward S., June 17 p 17  
 Fulton, Walter J., Mar 4 p 31

Given, William G., Jr., Feb 5 p 42  
 Graham, W. O., Feb 5 p 42  
 Graves, B. C., Jan 29 p 41

Hackett, C. A., Feb 12 p 33  
 Harding, G. M., Mar 18 p 40  
 Harlow, Harry T., Sr., Apr 15 p 39  
 Hawkins, Z. P., Mar 4 p 31

Jones, Kenneth L., Apr 1/8 p 44

Karlet, J. G., Jan 1/8 p 32  
 Keeton, William A., Mar 25 p 74

Kennedy, William P., May 20 p 37; May 21 p 12  
Kremer, Walter W., Jan 22 p 130

Lance, Irvin H., Apr 15 p 39  
Lane, Roland N., Apr 1/8 p 44  
Law, Curtiss W., Jr., May 6 p 37

Masteller, Clay, Apr 15 p 39  
McGowan, William F., Feb 5 p 42

Phelps, Clyde E., Apr 1/8 p 44  
Posner, Ralph, Feb 26 p 48

Redick, W. C., June 3 p 28  
Russell, W. Hunter, Jan 15 p 36

Sommerville, Robert L., Apr 15 p 30  
 Syphers, Grant E., Feb 12 p 33

Taylor, E. W., Mar 25 p 74  
 Timken, Henry H., Jr., Apr 15 p 39

Vienne, Malcolm N., Mar 18 p 41

Wall, F. E., Mar 4 p 31  
 Wight, Sedgwick N., Jan 20 p 41  
 Wilson, Jack E., Jan 29 p 41  
 Winston, Dr. John R., Feb 26 p 48  
 Witt, Sylvester J., Mar 6 p 37  
 Wrigley, Harry L., May 15 p 50



# INDEX

July 1, 1968 to December 31, 1968 • Vol. 165 • 113th Year, Second Half

Authors	page 2
General Index	page 2
Railway Bookshelf	page 11
People in the News	page 11

# RAILWAY AGE

THE TRANSPORTATION WEEKLY

**Editorial and Executive Offices**  
New York, N.Y. 10007, 30 Church St.

ROBERT G. LEWIS: Publisher  
LUTHER S. MILLER: Editor  
FRED C. MILES: Executive Editor

Transit Editor: Joseph Asher  
Mechanical: F. N. Houser  
Associate Editor: C. E. Sullivan  
Car & Locomotive Cyclopedia:  
C. L. Combes

Art Director: Joel Petrower  
Art Editor: Maurice H. Mates  
Art Assistant: Thomas J. Pendergast  
Editorial Assistant: June Meyer  
Director of Research: H. B. Bolander  
Market Research: Robert N. Palos  
Librarian: Edith C. Stone  
Production Manager: Fred B. Hecht  
Manager—Contract Department:  
Constance Nicolai

**Editorial and Executive Offices**  
Chicago, Ill. 60604, 14 E. Jackson Blvd.

C. JAMES FISHER: Vice President—Sales  
GUS WELTY: Senior Editor  
Mechanical: Robert D. Bartley  
Engineering:

M. H. Dick R. E. Dove  
Signaling & Communications:  
Robert W. McKnight E. L. Abbott  
Editorial Assistant: Wanda Brown

Washington, D.C. 20004,  
National Press Bldg.  
Washington Editor: Frank Malone

London, W.C. 2, England, 4, Talbot  
House; 98 St. Martin's Lane  
International Editors:  
Antony Whitney John Levett

Contributing Editors:  
Norman E. Gillespie  
3205 Chelsea  
Orlando, Florida 32803

Charles Layng  
6019 Nashua St.  
Orlando, Florida 32809

E. L. Woodward  
876 Chattanooga Ave.  
Pacific Palisades, Calif. 90272

GEORGE DUSENBURY: Editorial Director

## AUTHORS

Abbott, E. L., Sept 30 p 20  
 Asher, Joe, July 1/8 p 21; Aug 5 p 22, p 25; Sept 2 p 22, p 24; Oct 7 p 36; Nov 4 p 14, p 17; Dec 2 p 21; Dec 16 p 6

Bachmann, Carl J., Nov 25 p 45  
 Bandeen, R. A., July 15 p 24  
 Barnes, Carroll E., Sept 30 p 40  
 Barnett, J. H., Jr., Dec 9 p 16  
 Barriger, John W., Nov 25 p 45  
 Bartley, Robert D., Aug 5 p 16; Sept 30 p 24  
 Blundin, J., Oct 28 p 12  
 Boyd, Alan S., Oct 21 p 7; Oct 28 p 87  
 Burnett, John A., Sept 16 p 24

Carter, R. D., Nov 11 p 12  
 Catalano, P. T., Oct 24 p 33  
 Chafee, Z., III, Dec 9 p 27  
 Cope, Geoffrey W., Sept 23 p 51  
 Crockett, Mort C., Oct 28 p 36  
 Crump, N. R., Sept 9 p 37

Davis, A. P., Jr., Oct 28 p 8  
 Day, Donald S., Sept 9 p 40  
 DeSapio, Mary, Sept 30 p 44  
 de Vries, Jan, July 15 p 23  
 Dick, Merwin H., Sept 9 p 17; Nov 11 p 15; Nov 18 p 24  
 Dodis, C. F., Oct 28 p 12  
 Donlon, Ed., Sept 30 p 17; Oct 28 p 33  
 Dove, Robert E., Aug 12 p 16; Nov 11 p 21

Emery, James D., Dec 2 p 40

Fishwick, John P., Oct 28 p 86

Garrigues, S. M., Sept 9 p 40  
 Goodfellow, Thomas M., Oct 21 p 8  
 Grotz, W. Arthur, Sept 9 p 36

Hamilton, R. S., Sept 30 p 40  
 Hansen, Edward G., Sept 23 p 49  
 Harlee, John, Oct 7 p 48  
 Hawthorne, J. W., Oct 14 p 24  
 Hay, William W., Sept 23 p 50  
 Hoffmeister, Harold F., Sept 16 p 20  
 Houser, F. N., Sept 23 p 48; Nov 11 p 20; Nov 18 p 23; Dec 2 p 18

Johnson, W. B., Aug 19 p 13

Kelso, Rush A., Nov 11 p 16  
 Klingel, T. R., Oct 14 p 24

Laurie, James, Oct 21 p 14  
 Layng, Charles, Aug 26 p 27; Sept 9 p 21; Sept 30 p 40; Nov 18 p 34; Dec 2 p 17; Dec 16 p 36 (See also *Watching Washington*)  
 McCarthy, G. E., Dec 23/30 p 45  
 McDonald, J. A., Sept 9 p 44  
 McKnight, Robert W., July 29 p 27; Nov 18 p 26; Dec 16 p 21  
 Mennel, D. M., Dec 9 p 27  
 Miller, Luther, (See as the *Editor Sees It*)  
 Moir, G. Russell, Nov 18 p 38  
 Moore, W. H., Nov 11 p 15  
 Mulvihill, Carl E., Dec 23/30 p 45  
 Murphy, R. J., Sept 16 p 22

MacAnanny, James H., Oct 14 p 8  
 Malone, Frank, Aug 26 p 27; Sept 9 p 21; Sept 30 p 40; Nov 18 p 34; Dec 2 p 17; Dec 16 p 36 (See also *Watching Washington*)  
 McCarthy, G. E., Dec 23/30 p 45  
 McDonald, J. A., Sept 9 p 44  
 McKnight, Robert W., July 29 p 27; Nov 18 p 26; Dec 16 p 21

Mennel, D. M., Dec 9 p 27  
 Miller, Luther, (See as the *Editor Sees It*)  
 Moir, G. Russell, Nov 18 p 38  
 Moore, W. H., Nov 11 p 15  
 Mulvihill, Carl E., Dec 23/30 p 45  
 Murphy, R. J., Sept 16 p 22

Newell, James P., Oct 28 p 32

O'Brien, Allen J., Dec 9 p 36

Perlman, Alfred E., Dec 16 p 13  
 Price, C. Grattan, Jr., Nov 18 p 54

Quinn, William J., Sept 23 p 48

Reed, George E., Sept 23 p 51  
 Rice, W. Thomas, Oct 7 p 38; Oct 14 p 35  
 Roddewig, Clair M., Dec 23/30 p 7  
 Rogers, Mac E., July 1/8 p 15; Sept 16 p 12

Saunders, Stuart, Nov 18 p 49  
 Scanlon, William A., Sept 9 p 40  
 Shoemaker, P. M., Oct 14 p 25  
 Sieg, Bernard V., July 15 p 23  
 Sinclair, Ian D., Dec 16 p 23  
 Sloss, James, July 15 p 23  
 Spicer, John H., Sept 23 p 50  
 Steiner, R. H., Sept 30 p 44  
 Stokes, B. R., Dec 2 p 34  
 Stokes, Carl, Oct 7 p 28  
 Sullivan, Charles E., Dec 2 p 8  
 Sullivan, James R., Sept 23 p 49

Taft, Walter, (See *Watching Washington*)  
 Taylor, Robert E., Sept 23 p 50  
 Thomas, William B., Jr., Oct 28 p 39  
 Thorpe, K. Paul, July 15 p 23

Voorhees, John E., Sept 23 p 49  
 Vore, Kenneth L., Oct 7 p 38

Wallace, George R., Oct 28 p 33  
 Watson, D. H., Nov 18 p 54  
 Weigel, G. K., Sept 23 p 51  
 Welty, Gus, July 1/8 p 16; Aug 26 p 27; Sept 30 p 40; Nov 18 p 22; Dec 23/30 p 34 (See also *Gus Welty's Lines on Labor*)  
 Wood, David M., Nov 25 p 45  
 Wood, E. Homer, Dec 23/30 p 24  
 Wylie, James R., Aug 12 p 27

## GENERAL INDEX

\*Illustrated; †Editorial; ‡Letters from Readers

## A

Abandonments (See Train Discontinuances)  
 ACF Industries, Inc.:  
 Increases Dividend; Cities Rising Orders, Nov 11 p 7  
 Merger with Williams Bros., Shareholders to Vote on, Aug 26 p 68  
 Optimistic About Car Market, Aug 12 p 7; Oct 7 p 7  
 Tractor Hitch, Sept 23 p 84\*  
 Abex Corp.:  
 IC Industries to Acquire, Sept 23 p 65; Oct 21 p 12; Dec 16 p 13  
 Manganese Steel Center Plates, Sept 23 p 85\*  
 North American Rockwell Corp., Makes Offer for, Oct 7 p 48  
 Truck-Mounted Brake, July 1/8 p 32\*  
 Accelerometer; Humphrey, Sept 30 p 53\*  
 Accident Statistics, Oct 28 p 7  
 Accidents:  
 DOT Report for 1967, Dec 9 p 24  
 Grade Crossing in 1967, Dec 9 p 24  
 NTSB Report on UP Train-School Bus Collision, Nov 25 p 73  
 Passenger Fatality Rate in 1967, Sept 23 p 108  
 SCL "Silver Meteors" Collide, Aug 12 p 36  
 Accounts Payable, How CN Speeds, Nov 25 p 42\*  
 Adjustable Fixture Co.: Waterproof Light, Oct 28 p 81  
 Advertising:  
 AAR Program, Aug 5 p 8, p 26; Aug 19 p 7; Oct 14 p 33\*  
 Can New Advertising Save the "California Zephyr"?, Nov 11 p 40\*  
 CPR TV Commercials Win Awards, July 1/8 p 44\*  
 CB&Q Wins "Best-Read" Ad Citation, Dec 16 p 32  
 SCL Guarantees Passengers' Arrival, Aug 26 p 68  
 Aerocorp Corp.: Coil Tie-Down, Nov 25 p 62  
 Aeromaster Hammers, Inc.: Spike Driver, Dec 2 p 24\*  
 Agricultural Co-operatives, Bills to Limit Amount of Unregulated For-Hire Transportation Performed by, July 22 p 10  
 Air Brake Assn.: 1968 Meeting, Sept 23 p 64; Oct 7 p 11; Oct 14 p 25  
 Air-Cushion Vehicle Research, DOT Lets Contracts for, July 29 p 12  
 Air Freight: Auto-Hauling Planes on Horizon?, July 1/8 p 44  
 Air Rights:  
 Chicago Union Station Seeks Zoning Approval for Construction of Office Building, Dec 9 p 7  
 IC Development, July 15 p 36  
 PC Lease: Air Rights for Building Over Grand Central Terminal, July 1/8 p 11\*

## Armco Steel Corp.:

Nailable Flooring, Sept 23 p 85

Plans Joint Leasing Venture with GATX-Booth Corp., Dec 23/30 p 7

As the *Editor Sees It*, July 1/8 p 26; July 15 p 12; July 22 p 24; July 29 p 42A; Aug 5 p 26; Aug 12 p 32; Aug 19 p 16; Sept 2 p 42A; Sept 5 p 26; Sept 12 p 35; Sept 16 p 24A; Sept 23 p 65; Sept 30 p 37; Oct 7 p 40; Oct 14 p 25; Oct 28 p 39; Nov 4 p 38; Nov 18 p 38; Nov 25 p 31; Dec 9 p 26; Dec 16 p 17; Dec 23/30 p 30

As the *Editor Sees It*, Aug 5 p 30; Aug 26 p 37; Oct 21 p 20\*; Correction, Nov 18 p 52\*; Nov 11 p 22; Dec 2 p 23

Association Calendar, Sept 16 p 32

Association of American Railroads:

Advertising Program Approved, Aug 5 p 8, p 26; Aug 19 p 7; Oct 14 p 33\*  
 Annual Meeting, Nov 4 p 7

Biagioni, B. T., Replaces D. J. Russell on Board of Directors, Aug 5 p 7

Communication and Signal Section: Annual Meeting, Oct 14 p 39

Coupler, Fully-Automatic, to be Explored with FRA, Aug 26 p 48; Sept 2 p 32

Data Systems Div.: Annual Meeting, Aug 26 p 7; Oct 7 p 38; Oct 14 p 35; Oct 21 p 29\*

Headquarters in Washington Moved, Nov 18 p 47

Keller, W. M., Retires, July 1/8 p 7

Mechanical Div.:

Annual Meeting, July 1/8 p 15\*

Hotbox Statistics, July 22 p 31; Sept 2 p 7; Sept 16 p 42\*; Oct 21 p 38\*; Nov 18 p 7;

Dec 2 p 38\*

Roller Bearing Application to New Freight Cars

Now Mandatory, July 1/8 p 34

Purchases and Materials Management Div.:

Annual Meeting, Sept 30 p 24, p 66†

First Year: Interview with H. M. Hoffmeister, Sept 16 p 20\*

Ties, Wood, Research on, July 15 p 18\*

To Exchange Information on Containerization and Cybernetics with UIC, Aug 26 p 11

TRAIN, Planning Ahead for, Sept 16 p 24B; Oct 7 p 38

Year-End Statement on RR Operations in 1968, Dec 23/30 p 43

Association of Railroad Editors:

Annual Meeting, Sept 30 p 8, p 49\*

Publication Awards, Sept 30 p 62

Atchison, Topeka & Santa Fe: Computer Programs Designed to Prevent L&D Claims Due to High-Wide Loads, Oct 14 p 36  
Dictating System, Remote-Control, Aug 19 p 24\*  
Landbridge Train Proposal, Oct 28 p 30, p 33\*  
Locomotive Simulator, Nov 4 p 20\*  
Microwave Extension, Aug 12 p 33; Sept 9 p 41  
MP Withdraws Application to Acquire Control, July 15 p 7  
Pipeline, Wholly-Owned, Opened, Sept 9 p 7  
Santa Fe Industries Becomes Holding Company for, Aug 5 p 40; Aug 26 p 68; Sept 16 p 7; Oct 14 p 7; Dec 9 p 36  
"Super C" TOFC/COFC Train, Report on, Oct 28 p 35\*  
Test Track Planned with FRA, Sept 9 p 11  
To Build Line to Carry Sulphur in Unit Trains, Nov 18 p 11  
To Step Up Capital Spending, Dec 23/30 p 11  
Unit Coal Train to Kaiser Steel Mills at Fontana Cal., Dec 16 p 14  
Atlanta Transit Bond Issue Defeated, Nov 4 p 17, p 40†; Nov 11 p 7; Dec 2 p 26  
Austria: Vienna Subway, July 1/8 p 24  
Automated Fare Collection System: BARTD Contract Goes to IBM, July 1/8 p 7  
Automated Locomotive: Muskingum Electric, Aug 5 p 24\*; Nov 11 p 20\*  
Automated Locomotive Test Systems: C&O-B&O, Sept 9 p 7; PC, Nov 4 p 33  
Automated Train Operation:  
Great Slave Lake Line, Sept 23 p 7  
LI "Metropolitan" Cars, Dec 2 p 20  
Muskingum Electric, Aug 5 p 24\*; Nov 11 p 20\*  
Automatic Car Identification:  
Award to F. H. Stites, Developer of, Sept 23 p 114 DT&I Flat Rock Yard, Sept 16 p 28\*  
Labeling Status of, Sept 23 p 81; Oct 21 p 29\*, p 44†  
Labels, Cost of, Oct 21 p 32  
Labels, Secondary, Uses for, Oct 21 p 32  
Labels with 17 Digits, Oct 21 p 32  
Planning Ahead for, Sept 16 p 24B  
Pennsylvania Licenses WABCO to Build, Aug 5 p 11  
Automatic Elec. Co.: Reed Switch, Nov 11 p 29  
Automobile-Hauling Planes on Horizon?, July 1/8 p 44  
Automobile-Passenger Service: Ford Motor Co. Still Interested, Aug 26 p 7  
Automobile-Rack Cars (See Cars, Auto-Rack)  
Automobile Traffic; RR's Share in 1968, Dec 23/30 p 43  
Automobiles, Palletized, Multi-Level Cars May be Handling, Oct 28 p 12  
Awards:  
ARE Publications Awards, Sept 30 p 62  
CPR TV Commercials Win, July 1/8 p 44\*  
Harriman Safety, Sept 23 p 108  
Henderson Medal: F. H. Stites, Sept 23 p 114  
Jefferson; H. H. Peveler, July 29 p 62  
NDTA: S. T. Saunders, Aug 26 p 7; Oct 21 p 7  
Pan American Railway Congress Papers, Dec 16 p 37  
President's "E" Certificate; Sea-Land Service, Inc., Sept 23 p 114  
RPI Golden Freight Car; IC, Oct 28 p 11; Nov 4 p 7\*  
Ryan; Alan S. Boyd, Sept 30 p 62; Oct 28 p 87  
Seley, Candidates Sought for, July 29 p 62  
Sigma Alpha Mu's "Man of the Year"; A. E. Perlman, Dec 16 p 32  
Axle with Adjustable Wheels may Solve Problem of Changing Gauges in Europe, Sept 16 p 12

## B

Baltimore & Ohio (See Chesapeake & Ohio)  
Baltimore Thinks Over Transit Plans, Sept 2 p 23  
Bangor & Aroostook: Dual-Purpose Equipment Helps Fight Snow, Aug 12 p 16\*  
Barging Toward Trouble in Europe, July 22 p 21\*  
Battelle Memorial Institute: Dynamic Testing Laboratory for Freight and Passenger Cars Proposed, Sept 23 p 49  
Battery, Primary; Carbon, Aug 5 p 33\*  
Belgian Nat. Rys. Sees Waterways as Dangerous Competitor, July 22 p 22  
Belt Railway of Chicago, BRT Strike Against, Aug 5 p 12; Aug 12 p 13, p 40†; Aug 19 p 13, p 36; Aug 26 p 12; Sept 9 p 44; Sept 30 p 11, p 52; Oct 7 p 11; Oct 14 p 11; Oct 21 p 11; Nov 4 p 11; Nov 11 p 11; Emergency Board Appointed, Nov 18 p 12; Nov 25 p 11, p 12; Dec 2 p 7, p 12; Dec 9 p 12; Emergency Board Report, Dec 23/30 p 34, p 54†  
Bessemer & Lake Erie: Harriman Safety Award, Sept 23 p 108  
Boston & Maine Seeks to Form Holding Company, Nov 18 p 7  
Boston Transit (See Massachusetts Bay Transportation Authority)  
Boston-Washington, D. C. Transport Corridor (See Northeast Corridor Project)  
Brace Roads; Load-Holder, Sept 30 p 53; Nov 25 p 62\*  
Bracket, Hopper-Car; Cleveland Vibrator, July 29 p 55\*  
Brady, W. H., Co.: Safety-Plate Signs, Oct 7 p 41  
Brake, Truck-Mounted; Abex, July 1/8 p 32\*  
Braking Systems, NTSB Report on UP Train-School Bus Collision Proposes Study of, Nov 25 p 73  
Branch Lines Get Freight Stations on Wheels, July 22 p 16\*  
Bridge, Longest Girder, Ordered by KCS, Sept 30 p 7  
Brooklyn Eastern District Terminal: N. G. Cutler Elected President, Oct 21 p 42  
Brotherhood of Locomotive Engineers: Balks at Wage Settlement, Oct 14 p 12; Dec 23/30 p 12  
Dispute with IC Over Training of Supervisory Personnel, Aug 5 p 12  
Brotherhood of Locomotive Firemen & Enginemen: Agreement Reached on Wages, Sept 23 p 12  
Fireman Issue Goes to Mediation, July 1/8 p 11; Nov 4 p 12  
Gilbert, Other Officers, Re-elected, July 29 p 62  
Strike Against CN-CP Blocked, July 1/8 p 12  
Votes to Merge with BRT, ORC&B, SUNA, Aug 26

Brotherhood of Locomotive Firemen & Enginemen: (Continued)  
p 8; Sept 16 p 7; Sept 30 p 49; Oct 7 p 12; Nov 4 p 11; Nov 11 p 12; Dec 16 p 14; Dec 23/30 p 12  
Brotherhood of Railroad Signalmen Balks at Wage Settlement, Aug 26 p 12; Oct 14 p 12; Nov 25 p 72; Dec 23-30 p 12  
Brotherhood of Railroad Trainmen: Agreement on Wage-Rules Dispute, July 1/8 p 12; July 22 p 7  
Crew Conduit Disputes:  
Strikes Belt Ry., Chicago, Aug 5 p 12; Aug 12 p 13, p 40†; Aug 19 p 13, p 36; Aug 26 p 12; Sept 9 p 44; Sept 30 p 11, p 52; Oct 7 p 11; Oct 14 p 11; Oct 21 p 11; Nov 4 p 11; Nov 11 p 11; Nov 18 p 12; Nov 25 p 11, p 12; Dec 2 p 7, p 12; Dec 9 p 12; Emergency Board Report, Dec 23/30 p 34, p 54†  
Sues RFF&P Over Sept 9 p 11; Sept 16 p 7; Oct 23 p 12; Sept 30 p 52  
Thrust Backward, Not Forward, Sept 9 p 12  
Employees on C&O Fired for Unauthorized Strike, Oct 26 p 90†; Nov 25 p 45†; Dec 9 p 27†  
May Skip Transport Conference in 1969, Nov 25 p 72 "Trainman News" Feature: "The Bull", Oct 21 p 13  
Votes to Merge with BLF&E, ORC&B, SUNA, Aug 26 p 8; Sept 16 p 7; Sept 30 p 49; Oct 7 p 12; Nov 4 p 11; Nov 11 p 12; Dec 16 p 14; Dec 23/30 p 12  
Brotherhood of Railway, Airline & Steamship Clerks: Breaks Ground for New Headquarters, Aug 26 p 7  
Harrison, George M., Death of, Dec 9 p 36  
Merger with RPU Planned, Dec 2 p 14  
Merger with TCEU, Status of, July 1/8 p 12; July 29 p 11; Sept 23 p 12; Dec 2 p 14  
Brotherhood of Railway Carmen: Slowdown on LI Causes Train Cancellations, Aug 19 p 12  
Brotherhood of Sleeping Car Porters: C. L. Dellums Succeeds A. Philip Randolph as President, Sept 23 p 7  
Brown & Brown, Inc.: Coated-Fabric Covers for Gondola Cars, July 29 p 55\*  
Brush, EL Wages War on, Aug 12 p 19\*  
Budapest Subway, Railway Age Group Tours, July 1/8 p 24\*  
Budd Co.:  
LI Gas-Turbine-Powered Car, Sept 16 p 44; Dec 9 p 28  
LI "Metropolitans", Aug 12 p 12; Sept 23 p 111; Nov 4 p 11; Dec 2 p 18\*  
To Acquire Gindy Mfg. Corp., Aug 5 p 7  
To Manufacture and Market VARI-DECK Materials Handling System, Nov 25 p 7; Dec 23/30 p 44\*  
Budget-Planning: All Signs Point Upward, Nov 18 p 22\*, p 56†  
Budget-Planning Time, Sept 23 p 8  
Bulk Commodities Handling:  
CN Cargo-Flo Service, Aug 26 p 11  
Drag Conveyor; J. B. Ehrsam & Sons, July 29 p 85  
Hopper Car Unloader; Andec, Sept 30 p 55\*  
P-Side Gate Hopper Car, Sept 23 p 82\*  
SCL "Flip-Top" Covered Hopper Cars, Sept 23 p 45\*  
Transfer Unit; Dunbar Kapple, Sept 20 p 53\*  
Bulkhead Gondola; Evans Prod., Sept 23 p 42\*  
Burlington Northern: Use of the Computer in Preparation for the Merger, Oct 14 p 36

C

Cab Signaling: Cleveland Transit Airport Extension, Sept 2 p 28\*  
Caboose-Noise Control; Lord Mfg., Nov 11 p 29\*  
Calendar of Association Meetings, Sept 16 p 32  
Cambridge Wire Cloth Co.: Load Binders, Dec 23/30 p 44  
Canada:  
Freight Car Loadings, July 1/8 p 41; July 15 p 33; July 22 p 29; Sept 2 p 33; Sept 16 p 41; Sept 23 p 111; Sept 30 p 59; Oct 7 p 45; Oct 14 p 37; Oct 21 p 37; Nov 4 p 33; Dec 2 p 37; Dec 9 p 33; Dec 16 p 29; Dec 23/30 p 47  
Landbridge Trains: Pros and Cons, Sept 9 p 44  
New Look in Transport Policy, July 22 p 28  
Solids Pipeline Moves Closer, Aug 12 p 36  
Transport Men Urged to Support Research, Sept 9 p 37  
Canadian National:  
Agreement with Greyhound Lines on Rail/Bus Service, Dec 9 p 36  
Cargo-Flo Service, Aug 26 p 11  
Cars, Flat: Converted to "Reelcars", Dec 16 p 13\*  
Computer Speeds Accounts Payable, Nov 25 p 42\*  
Container Development Dept, Set Up, July 22 p 27\*  
Container Service, Intermodal, Sept 9 p 41; Oct 28 p 31; Dec 9 p 51\*  
Containerized Mail Tested, Oct 14 p 40  
Express Terminal at Toronto, Sept 30 p 20\*  
Free Vitas to Export '67, Aug 19 p 36  
Great Slave Lake Line Automated, Sept 23 p 7  
Strike by BLF&E Blocked, July 1/8 p 12  
"Tempo" Trains Win Public Favor, Aug 5 p 20\*  
Turbo Tested, Nov 18 p 7; Dec 16 p 8\*  
What has Passenger Policy Proved?, July 15 p 24\*  
Canadian Pacific:  
Landbridge Trains, Oct 26 p 31  
Strike by BLF&E Blocked, July 1/8 p 12  
TV Commercials Win Awards, July 1/8 p 44\*  
Canadian Transport Comm. Established, July 22 p 8  
Canadian Urban Transportation Conference Planned, Sept 2 p 36; Sept 30 p 62  
Capital Expenditures:  
Estimates for Communications and Signal Equipment in 1969, Nov 18 p 26  
Estimates for 1968, July 1/8 p 12 (USDC), p 16; Sept 16 p 11 (USDC); Nov 4 p 7 (AAR); Dec 16 p 13 (USDC-SEC and ICC), p 31 (ICC)  
Estimates for 1969, Nov 18 p 23, p 56†; Dec 16 p 13 (USDC-SEC); Dec 23/30 p 43  
Mass Transit Needs for Next Decade, Sept 16 p 44 Years 1959-68, Sept 23 p 113\*

Capital Spending, 1968 vs. 1967, Sept 16 p 42  
Car Builders, High-Production Year Ahead for, Dec 9 p 11  
Car Department Officers' Assn.: 1968 Meeting, Sept 23 p 64; Oct 7 p 11; Oct 14 p 24  
Car Design, Systems Approach to, Sept 23 p 48\*, p 51\*  
Car Numbering Plan Suggested, July 15 p 23\*  
Car Reporting Systems:  
Better Car Tracing Means Better Car Utilization, July 29 p 60\*  
Computerized Car Tracing Pays Off, July 29 p 27\*  
Data Interchange: It's Coming, Sept 16 p 8  
Human Element, Aug 26 p 70; Sept 6 p 40†  
Instant Answers on CB&O, July 29 p 39\*  
List of RR Systems and How to Use Them, July 29 p 28; How They Work, p 30  
Planning Ahead for ACI and TRAIN, Sept 16 p 24B  
Shippers' Views on July 29 p 46  
SP TOPS System, Nov 25 p 32\*  
Car Retarders: WABCO Sig. & Comm. Div., Nov 11 p 29\*; Dec 16 p 33  
Car Supply, Freight:  
Bad-Order Ratio, 1966-68, Nov 11 p 34\*  
Can Shippers Pinpoint Their Car Needs?, Aug 26 p 72†; Oct 26 p 39  
Car Needs for Steel Traffic of '70s Forecast by USS, July 29 p 42B\*  
Cars, Flat, Needed for Containers by 1975, Oct 28 p 56  
Deliveries: May, July 15 p 33; June, July 29 p 59; July, Sept 2 p 35; August, Oct 14 p 37; September, Nov 4 p 33; October, Dec 2 p 37  
Detention of Cars by Receivers, Oct 28 p 85  
Estimate of Orders in 1968, Sept 2 p 12; Dec 2 p 13  
How Bad is the Car Shortage?, Oct 28 p 6  
Market Outlook for 1969, Nov 18 p 23\*  
On Order: June 1, July 15 p 33; July 1, July 29 p 59; August 1, Sept 2 p 33; September 1, Oct 14 p 37; October 1, Nov 4 p 33; November 1, Dec 9 p 37  
On Order: Monthly, 1967-68, July 22 p 31\*; Nov 11 p 35\*  
Orders, May, July 15 p 33; June, July 29 p 59; July 29 p 23; August, Oct 14 p 37; September, Nov 4 p 33; October, Dec 2 p 37  
Orders: First Six Months, 1958-68, Sept 9 p 43\*  
Ownership: June 1, July 22 p 29; July 1, Aug 5 p 37; August 1, Sept 16 p 41; September 1, Oct 7 p 45; October 1, Nov 11 p 33; November 1, Dec 9 p 33  
Ownership as of July 1, 1959-1968, Aug 12 p 35\*  
Car Utilization:  
Average Annual Use of a Box Car, Oct 28 p 8  
Better Car Tracing Means Better Utilization, July 29 p 61†  
Cargo Corp.: Primary Battery, Aug 5 p 33\*  
Cardion Communications Corp.: Radio Relay, Aug 12 p 23\*  
Cargill, Inc., to Inaugurate Rent-a-Trail Service, Oct 28 p 11  
Cargo-Flo Service; CN, Aug 26 p 11  
Carload Shipment Costs, Computer Simulation Study of; IC, Oct 14 p 36  
Carmeta Could be Useful Sales Tools, Nov 25 p 50  
Cars, Freight:  
Auto-Rack:  
May be Handling Palletized Autos, Oct 28 p 12  
Tie-Down Changes for '69 Fords, Sept 30 p 36\*  
Box:  
MP Converts Reefers to, July 22 p 7  
Specifications Suggested by USS, July 29 p 42D  
Capacity of, Total and Average, 1952-67, July 15 p 35\*  
Coll: Specifications Suggested by USS, July 29 p 42D  
Dynamic Testing Laboratory at Battelle Memorial Institute Proposed, Sept 23 p 49  
Flat:  
CN Converted "Reelcars", Dec 16 p 13\*  
GMD Portager, RR's Take Look at, Sept 30 p 11  
SP King-Size Container, Aug 19 p 7  
Specifications Suggested by USS, July 29 p 42D  
TOFC/COFC Exhibited, Nov 11 p 11\*  
Gondola: Specifications Suggested by USS, July 29 p 42D  
Hopper:  
"Flip-Top" Covered; SCL, Sept 23 p 45\*  
Muskingum Electric, Nov 11 p 20A\*  
Side-Gate; Pullman-Standard, Sept 23 p 82\*  
Specifications Suggested by USS, July 29 p 42D  
Livestock; Fred Fair Double-Deck, Aug 12 p 36  
Mechanical Refrigerator:  
CB&Q to Test Epoxy Adhesive for Sidewall Fillers, Dec 9 p 7  
PFE 70-Ton, Aug 26 p 38\*  
Numbering Plan Suggested, July 15 p 23†  
Piggyback (See Flat)  
Preview of Tomorrow's Equipment, Sept 30 p 24  
Roller Bearing Application on New Cars Now Mandatory, July 1/8 p 34  
Roller Bearing—Equipped, Number of, July 1/8 p 34  
Tank:  
Celanese Giant for Methanol, Sept 30 p 11\*  
Celanese 150-Ton Aluminum, July 15 p 22\*  
Wooden, for Vinegar; Standard Brands, Oct 28 p 11\*  
Wood Chip; Thrall Car Mfg., Oct 21 p 41  
Cars, Passenger:  
CN "Tempo" Cars, Aug 5 p 20\*  
Double-Deck Commuter, for C&NW and SP, Aug 5 p 19\*; Oct 14 p 11\*  
Dynamic Testing Laboratory at Battelle Memorial Institute Proposed, Sept 23 p 49  
Gas Turbine, Ordered by French Nat. Rys., Dec 9 p 26  
IC Design for Bi-Level Cars, Aug 5 p 16\*  
Correction, Sept 9 p 40†; Nov 18 p 54\*  
LI "Metropolitans", Aug 12 p 12; Sept 23 p 111; Nov 4 p 11; Dec 2 p 18\*  
LI To Test Dual-Drive Turbo-Electric Car, Sept 16 p 44; Dec 9 p 28  
NYCTA Orders More Cars, Aug 19 p 33  
PC "Jersey Arrow" Cars for NJ Commuter Service, Oct 7 p 20\*; Nov 11 p 36  
USSR to Test Jet-Propelled Car, July 15 p 7

Catenary Construction on Muskingum Electric Studied, Nov 11 p 20D\*

Celanese Chemical Co.:

- Tank Car, Large for Methanol, Sept 30 p 11\*
- Tank Cars, 150-Ton Aluminum, for Acetic Acid, July 15 p 22\*

Center Bearing, Rubber-Metal; Lord Mfg., Nov 11 p 29\*

Center Plates, Manganese Steel; Abex, Sept 23 p 85\*

Central of Pennsylvania: R. B. Wachenfeld Elected President, Sept 16 p 36

Central Railroad of New Jersey:

- State to Lease Commuter Cars for, July 22 p 7
- State to Lease Locomotives for, Aug 5 p 7

Centralized Dispatching; What It Can Do for You, Sept 23 p 56\*

Centralized Traffic Control: Miles of Road and Track, 1961-67, July 15 p 34

Chamber of Commerce of the United States: RR Men Appointed to New Transportation and Communication Committee, Dec 23/30 p 50

Chesapeake & Ohio/Baltimore & Ohio:

- Crane, Giant, at Virginia Pier, July 22 p 32\*
- Employee Fired for Unauthorized Strike, Oct 28 p 90\*
- Nov 25 p 45\*
- Dec 9 p 27\*
- Good Service Brings Distribution Center to Fostoria, O., Aug 12 p 36
- Landbridge Container Service Planned, Oct 14 p 40
- Merger with N&W, July 15 p 12; Dec 16 p 36
- Profits Rising? Yes and No, Oct 14 p 7
- SEARCH Locomotive Test System, Sept 9 p 7

Chicago:

- Consolidation of Stations Planned Again, July 22 p 10
- Grant for Chicago Area Transportation Study, Nov 4 p 7
- New Transit Lines Proposed, July 1/8 p 23\*
- RR Link Proposed for New Airport, Nov 25 p 7
- Students Get a View of What Railroading is Like, July 22 p 32
- Transit Grants Increased, Oct 28 p 86

Chicago & North Western:

- Alton & Southern Acquired, Aug 12 p 7
- Cars, More Double-Deck, for Commuters, July 15 p 7; Aug 5 p 19\*
- CGW Merged Into, July 1/8 p 11
- CR&P Merger Case, Sept 16 p 11
- Community Asks Aid for Transport Center, Aug 19 p 7
- Des Moines & Central Iowa Acquired, Aug 12 p 7
- Fights Water Pollution at Proviso Yards, Nov 18 p 52
- Merger with CMST&P Recommended by ICC Examiner, July 15 p 11; Nov 25 p 7; Dec 23/30 p 8
- Northwest Passage Connection with CTA, Nov 4 p 36
- One Terminal at Escanaba, Nov 25 p 72; Dec 16 p 16\*
- Places Order for 2000 Cars, Dec 9 p 11, p 33; Dec 16 p 17; 41 Locomotives, Dec 23/30 p 11
- Ties, Wood; Test Track, July 15 p 18\*

Chicago, Burlington & Quincy:

- Computer Used in Preparing for Burlington Northern Merger, Oct 14 p 36
- Computerized Car Tracing, July 29 p 39\*
- Cross-Country Renewal Production Doubled, Dec 9 p 17\*
- Epoxy Adhesive for Sidewall Fillers, Dec 9 p 7
- Freight Stations on Wheels, July 22 p 16\*
- Industrial Development Activities, Aug 26 p 31\*
- Merger with GN-NP, Oct 14 p 36; Nov 25 p 11; Dec 2 p 17; Dec 23/30 p 8
- Nailable Steel Door Posts for Grain Cars, Sept 9 p 32\*
- Seeks to Discontinue Two Trains, Aug 12 p 7
- To Step Up Capital Spending, Dec 23/30 p 11
- Tunnel Lining Piggybacked by Oct 28 p 7
- Unit Train for Hauling Potash, Dec 9 p 19\*
- Wins "Best-Read" Ad Citation, Dec 16 p 32
- Chicago Great Western Merged into C&NW, July 1/8 p 11

Chicago, Milwaukee, St. Paul & Pacific:

- Bensenville Industrial District Includes Golf Course, Aug 26 p 29\*
- "Golden Grain Train" Heads for Ports, July 22 p 10\*
- Merger with C&NW Recommended by ICC Examiner, July 15 p 11; Nov 25 p 7; Dec 23/30 p 8
- Seeks to Combine "Cities" Trains, Nov 25 p 7
- Seeks to Discontinue Two Trains Between Minneapolis and Aberdeen, Nov 25 p 7
- Chicago, Rock Island & Pacific:

  - Merger Case, Status of, Sept 16 p 11
  - New Opportunity for Dining Car Employees, Nov 18 p 8
  - Purchases and Materials Management Computer Applications, Sept 16 p 24
  - Quad Cities Trains to Operate Out of Refurbished Station at Rock Island, Oct 14 p 7
  - Yard at Silvis Named for G. W. Kelly, Oct 7 p 48

Chicago South Shore & South Bend; Post Office Ends Mail Contract, Nov 25 p 7

Chicago Transit Authority:

- Bus Drivers Strike Against Union Leadership, Aug 5 p 12; Sept 2 p 13; Nov 4 p 36
- Fares Increased, Dec 23/30 p 50
- Median Strip Extensions; Dan Ryan and Kennedy Expressways, Aug 12 p 22; Sept 2 p 22; Oct 28 p 86
- Northwest Passage Connection with C&NW, Nov 4 p 36
- Skokie Swift Operations, Oct 7 p 18\*
- Wage Negotiations with Operating Unions, Oct 28 p 86; Nov 11 p 36
- Chicago Union Station Seeks Zoning Approval for Construction of Office Building Over, Dec 9 p 7
- Claims:

  - 1967 Payments by Cause of Damage, July 29 p 61\*
  - Sept 30 p 41\*
  - Payments; First Six Months, Nov 4 p 36
  - StL-SF Cuts Claims on Line Fires, Aug 26 p 41\*
  - Clamps, Bale; Munck Cargo Handling Systems, Nov 25 p 62\*
  - Clare, C. P. & Co.: Relay, Dec 16 p 33

Cleaning Equipment: High-Pressure Cleaner; Slifer Mfg., July 22 p 34\*

Cleveland Transit System:

- Airport Extension, Sept 2 p 24\*; p 28\* (Signaling and Track), p 36 (Cover Story); Nov 4 p 17; Dec 2 p 28\*
- New Lines Proposed, Aug 5 p 22; Sept 2 p 25\*
- Renovation Program, Dec 2 p 26

Cleveland Transportation: Mayor Stokes Has Harsh Words for Highways, Oct 7 p 28\*, p 52\*

Cleveland Vibrator Co.: Hopper-Car Bracket, July 29 p 55\*

Coal:

- Bituminous; Movement from Mines by Rail, Water and Motor Truck, 1959-66, Aug 5 p 38\*
- Rising Need Forecast for, Oct 21 p 40
- Traffic Trends; Rail, Water and Motor Truck, 1962-66, Aug 19 p 35\*

Coatings:

- Enamel Finishes; E. I. du Pont de Nemours, Sept 23 p 84
- Zinc-Rich 110; US Steel, Dec 23/30 p 44
- Coil Tie-Down; Aerquip, Nov 25 p 62
- Common Ownership (See Integrated Transportation) Communication Gap Between Shippers and RRs, Nov 18 p 38

Communications Equipment:

- Coastal Multiplex; Lenkurt Elec., Oct 7 p 41
- Dial System; Stromberg-Carlson, Nov 4 p 22\*
- Estimates of Capital Expenditures in 1969, Nov 18 p 26
- Intercom; Western RR Supply, Nov 4 p 22\*
- Page Printer; Teletype, Sept 16 p 37\*
- Radio Teleprinter, AAR S&C Report on, Oct 14 p 32
- Reed Switch; Automatic Electric, Nov 11 p 29
- Static Inverters; MIFE, Dec 9 p 29\*
- Supervisory Controls; Sangamo Elec., Aug 19 p 32
- System Repeaters; Lynch Communication, Dec 16 p 33\*
- Transmission Equipment; Gen. Elec., July 15 p 29
- Two-Way Translator; Onida Electronics, Oct 21 p 41

Communications Systems:

- Coding Techniques, Oct 14 p 20
- Message Switching on the RRs, Aug 19 p 14
- NP Heads for a New High in, Dec 16 p 20\*
- What Centralized Dispatching Can Do for You, Sept 23 p 56\*

Community Corp.: Data System, Aug 19 p 32\*

Communication Service (See Passenger Service: Suburban Service)

Competitive Transportation:

- Carnets; U. S. RRs Should be Interested in, Nov 25 p 50
- Europe Barging Toward Trouble?, July 22 p 21\*
- Have We Been Out-Lobbied—Again?, Aug 19 p 40†
- We Have a Better Idea, Mr. Ford, Dec 2 p 44†

Computer Equipment:

- Data Recorder; Universal Data Acquisition, Dec 2 p 24\*
- Data Sets; Sangamo Elec., Dec 9 p 29
- Data System; Community, Aug 19 p 32\*
- Data System; IBM, Sept 16 p 37
- Document Reader; Motorola, Aug 12 p 23\*
- Optical Reader; Hewlett-Packard, Sept 2 p 30\*
- Speed Reader; IBM, Oct 14 p 34
- Visual Display; IBM, Sept 2 p 30\*

Computers:

- AAR S&C Section Report on, Oct 14 p 29
- ACI in DT&I Flat Rock Yard, Sept 16 p 28\*
- Can Computers Do a Better Job for the RRs?, Oct 14 p 35
- CN SPEEDS Accounts Payable with, Nov 25 p 42\*
- Car Tracing; Instant Answers; CB&Q, July 29 p 38\*
- Computerized Car Tracing Pays Off, July 29 p 27\*
- How Purchasing and Materials Management Men Use, Sept 16 p 22
- Human Element in Rail Car Tracing, Aug 26 p 70†; Sept 9 p 40†
- Locomotive Simulators; SP, July 15 p 11; Sept 16 p 11\*; AT&SF, Nov 4 p 20\*
- Message Switching on the RRs, Aug 19 p 14
- NP TFC System, Nov 25 p 35\*; Dec 16 p 21
- Planning Ahead for ACI and TRAIN, Sept 18 p 24B; Oct 7 p 38
- RR Goals for Data Systems, Oct 7 p 38; Oct 14 p 35
- RR Uses for, Oct 7 p 38; Oct 14 p 35
- SP TOPS System, Nov 25 p 32\*
- Stocking Material Via; UP, Sept 16 p 22
- Total Terminal Control; WABCO, Oct 14 p 29
- Conductors Corp.: Locomotive Simulator for SP, July 15 p 11; Sept 16 p 11\*

Conglomerates:

- Motives Questioned by P. M. Shoemaker, Oct 14 p 25
- RR-Owned, Senators Blast, July 29 p 44
- What the Conglomerate, July 29 p 8

Construction Projects:

- IC Wye Leg Frees Lakeshore Land, Aug 12 p 24\*
- MP Lowers Track in St. Louis Yard, Nov 11 p 21\*
- MP Rock House Branch, Oct 14 p 16\*
- Consultant's Role on RR, July 15 p 8
- Container Chassis; Fruehauf, Aug 26 p 62
- Container Pool Proposed by J. P. Newell, Oct 28 p 32
- Container Service:

  - Amount of Traffic Containerizable, Oct 28 p 56
  - Domestic, Outlook for; J. P. Newell on, Oct 28 p 32

- Intermodal:

  - Barriers to Growth Called Institutional, Oct 28 p 87
  - Gains a Foothold in South America, Nov 25 p 8
  - Landbridge:

    - AT&SF—PC Proposal, Oct 28 p 30, p 33\*
    - C&O/B&O—Six Western Roads Make Joint Rates for, Oct 14 p 40
    - Interview with G. R. Wallace, Oct 28 p 33\*
    - NP Proposal, July 1/8 p 11
    - PNTA to Feed Cars to, Aug 5 p 40
    - Pros and Cons, Sept 9 p 44
    - RRs Hold Key to, Oct 7 p 48; Oct 28 p 29\*
    - Dec 23/30 p 45†
    - Roadblock for Asia-Europe?, July 29 p 62

Container Service: (Continued)

Intermodal: (Continued)

- Landbridge: (Continued)
- Strong Backing for, Aug 19 p 8
- Traffic Potential, Aug 19 p 8; Oct 28 p 29\*
- Trains in Canada, Sept 9 p 41; Oct 28 p 31; Dec 9 p 11\*
- Will Alter Trade Routes, Oct 28 p 33\*
- Mail Handling Tested in Canada, Oct 14 p 40
- Trade Simplification Act Would Provide for Joint Modal Rates, Oct 21 p 33; Oct 28 p 87
- Shippers' Views on, Oct 28 p 38
- SP Adds New Flexibility to, Aug 19 p 7
- Container Services and Equipment Exposition, Aug 19 p 12; Sept 23 p 7; Oct 28 p 54; Nov 11 p 11\*
- Containerport to be Built in Jersey City, Dec 23/30 p 7
- Containers:

  - Airlines Plan Big Purchase of, Dec 16 p 32
  - Markets Today and in 1977, July 15 p 10; Oct 28 p 36\*
  - Number Moved in TOFC in 1968, Dec 9/23/30 p 43
  - Reading Subsidiary to Build, Sept 9 p 11\*
  - Refrigeration-Heating Unit for, July 22 p 34\*
  - Containships:

    - First, Dec 23/30 p 45†
    - Number in Service, Oct 28 p 29
    - Ordered by Seatrail Lines, Aug 26 p 68
    - "See Bridge" for RRs, Nov 11 p 12
    - Continental Grain Co.: "Train-a-Day" for Grain Movement, Nov 25 p 11\*
    - Conveyor, Drag; J. B. Ehsram & Sons, July 29 p 55
    - Conveyor, Passenger; Stephens-Adamson, Aug 5 p 33\*
    - Conveyor System; CN Express Terminal, Sept 30 p 20\*
    - Coordinated Mechanical Associations:

      - Exhibits, July 22 p 32; List of Exhibitors, Sept 23 p 54\*; Oct 14 p 24\*
      - 1968 Meetings, Sept 23 p 64; Oct 7 p 11; Oct 14 p 24

    - Coordinated Transportation:

      - CN, Greyhound Offer Rail/Bus Service, Dec 9 p 36
      - Through Routes and Joint Rates, Shippers' Views on, Nov 24 p 40
      - Through Routes and Joint Rates Urged by A. J. O'Brien, Dec 9 p 36

    - Copperly Corp.: Dockboard Skate, Nov 25 p 62\*
    - Copperly Corp.: Yard Ramp, Oct 28 p 81\*
    - Corrosion Resister; Eberhard Mfg., Oct 28 p 81
    - Cost Evidence in Competitive Rate Cases; RRs Seek to Reopen Case, Aug 26 p 48; Dec 16 p 36
    - Costs, Fully-Distributed, vs. Out-of-Pocket; ICC Cost Evidence Case, Aug 26 p 48; Dec 16 p 36
    - Couplers:

      - Alloy; McConway & Torley, Oct 21 p 41
      - Automatic; AAR/FRA to Explore, Aug 26 p 48; Sept 2 p 32
      - Automatic; National Castings, Oct 14 p 11; Oct 28 p 81
      - Positioning Arrangements; Symington Wayne, Sept 23 p 48\*, p 51
      - Rotary, at Both Ends of SCL "Flip-Top" Cars, Sept 23 p 45\*
      - Sold-Share; McConway & Torley, Nov 4 p 22
      - Covers, Coated-Fabric for Gondola Cars; Brown & Brown, July 29 p 55\*
      - Crane Control; Motorola, Sept 16 p 37
      - Crane:

        - C&O Giant Crane at Virginia Pier, July 22 p 32\*
        - Straddle Type; R. G. LeTourneau, Dec 23/30 p 44\*
        - Crew-Console Issues:

          - Belt Ry. of Chicago-BRT, Aug 5 p 12; Aug 12 p 13, p 40†; Aug 19 p 13, p 36; Aug 26 p 12; Sept 9 p 44; Sept 30 p 11, p 52; Oct 11 p 11; Oct 14 p 11; Oct 21 p 7; Nov 4 p 11; Nov 11 p 11; Nov 18 p 12; Nov 25 p 11, p 12; Dec 2 p 7, p 12; Dec 9 p 12; Emergency Board Report, Dec 23/30 p 34, p 54†
          - Dispassionate Study Needed, Sept 16 p 12
          - Fight is Thrust Backward, Not Forward, Sept 9 p 12
          - Le-BN-BRT, Nov 11 p 11; Nov 18 p 12; Nov 25 p 11, p 12; Dec 2 p 7, p 12; Dec 9 p 12; Emergency Board Report, Dec 23/30 p 34, p 54†
          - Management-to-Men Campaign, Sept 9 p 11; Sept 16 p 7; Sept 23 p 12; Sept 30 p 52
          - RF&P; ORCA&B Signs; BRT Sues, Sept 9 p 11; Sept 16 p 7; Sept 23 p 12; Sept 30 p 52

        - Crossings, Highway Grade:

          - Accidents in 1967, Dec 9 p 24
          - Control Package; WABCO S&C Div., Dec 9 p 29
          - Cross-ties (See Ties)
          - Cullen-Friested Co. Acquired by Federal Sign and Signal Corp., July 15 p 7; Aug 19 p 36; Aug 26 p 69\*
          - Cushioning Device: FreightMaster AR-F, Sept 23 p 84
          - Customer Service Vans; CB&Q, MP, July 22 p 16\*
          - Czechoslovakia: Implications of Soviet Occupation on RRs and RR Supply Business, Sept 30 p 34

## D

Dalmo Victor:

- Rail and Transit Operations Group, Dec 2 p 42\*
- SEARCH Locomotive Test Systems; C&O/B&O, Sept 9 p 7; PC, Nov 4 p 33
- Data Interchange: It's Coming, Sept 16 p 8
- Data Systems (See Computers)
- Dauphin Terminals, Inc., to Build Distribution Center in Fostoria, O., Aug 12 p 36
- Delaware & Hudson Joint N&W System, July 1/8 p 11; First Report Shows Deficit, Nov 11 p 7
- Delaware River Port Authority to Open South Jersey Transit Line in February, Nov 4 p 17
- Delray Connecting RR Acquired by National Steel Corp., Aug 12 p 7
- Demp-Nock Co.: Sign Kit, July 1/8 p 32\*
- Denver & Rio Grande Western:

  - Directors Approve Holding Company, Oct 7 p 7
  - Unit Coal Train to Kaiser Steel Mills at Fontana, Cal., Dec 16 p 14

- De-Regulation Crisis, Motor Truck Operators Brace for, Dec 9 p 23
- Des Moines & Central Iowa Acquired by C&NW, Aug 12 p 7

July 1—December 31, 1968

## RAILWAY AGE—Index

**Detectors, Dragging Equipment:** Servo Corp. of America, Nov 11 p 29\*  
 Wheel Checkers, Dec 16 p 33\*  
**Detroit Surveys Transport Facilities:** Sept 2 p 23  
**Detroit, Toledo & Ironton:** ACI in Rebuild Flat Rock Yard, Sept 18 p 28\*  
**Dictation System, Remote-Control:** AT&SF, Aug 19 p 24\*  
**Dining Car Employees, New Opportunity for:** CRI&P, Nov 18 p 8  
**Discharge Outlet:** Transcontinental Railway Research, Sept 23 p 82\*  
**Dispatching, Centralized:** What It Can Do for you, Sept 23 p 58\*  
**Distribution:** Four Areas Where Rail Transport Must be Fitted into, Oct 14 p 24  
 Freight Car Crucial to, Oct 14 p 24  
**Distribution Warehouses Boost NYNH&H Traffic,** Sept 30 p 17\*  
**Diversification:** B&M Seeks to Form Holding Company, Nov 18 p 7  
 Defensive and Aggressive Diversification, Dec 16 p 17  
 'Diversify' Is the Order of the Day, Sept 23 p 65; Nov 4 p 36  
**IC Industries to Acquire Abex Corp.:** Sept 23 p 65; Oct 21 p 12; Dec 16 p 13  
 Katy Ind., Plans Four Acquisitions, Nov 18 p 7  
 Makes RR Stocks Attractive, Sept 23 p 114  
 Motives of Conglomerates Questioned by P. M. Shoemaker, Oct 14 p 25  
**N&W Real Estate Projects:** July 22 p 12\*; Dec 2 p 13  
 Penn Central Conglomerate, July 29 p 8  
 Senators Blast RR-Owned Conglomerates, July 29 p 44  
 Up to John Housing Venture, Aug 12 p 12  
**Dividends; Years 1956-67:** Aug 12 p 34\*  
**Dockboard, Mechanical:** Unarco, Nov 25 p 62\*  
**Dockboard Skate:** Copperloy, Nov 25 p 62\*  
**Docking Enclosure:** O'Neal Tarpaulin, Aug 26 p 62\*  
**Door Locking Mechanism:** Eberhard Mfg., Dec 23/30 p 44\*  
**Door Operator:** Vapor Corp., Aug 5 p 33  
**Door Posts, Nailable Steel, for Grain Cars:** International-Stanley, Sept 9 p 32\*  
**Dragging-Equipment Defectors:** Servo Corp. of America, Nov 11 p 29\*  
 Wheel Checkers, Dec 16 p 33\*  
**Drill-Saw, Rail:** RMC, July 15 p 29\*  
**Dunbar Kapple, Inc.:** Bulk Transfer Unit, Sept 30 p 53\*  
 du Pont de Nemours, E. I.: Car Enamels, Sept 23 p 84  
**Duro-Test Corp.:** Long-Life Light Bulb, July 15 p 29\*  
**Dynamic Testing Laboratory at Battelle Memorial Institute Proposed:** Sept 23 p 49

## E

**Earnings (See Net Income)**  
**East Erie Commercial:** D. E. Sheeran Elected President, Oct 28 p 71  
**Eastern Co.:** Trailer Lock, Aug 26 p 62\*  
**Eberhard Mfg. Co.:** Corrosion Resister, Oct 28 p 81  
 Door Locking Mechanism, Dec 23/30 p 44\*  
**Eezee Lift Sling Co.:** Mail Chute, July 1/8 p 32\*  
**Ehram, B. & Sons:** Drag Conveyor, July 29 p 55  
**Electric, Railroaders Look at the, Nov 18 p 34**  
**Electrification:** First Use of High-Voltage, Commercial Frequency, Aug 5 p 24\*; Nov 11 p 20\*  
**Muskingum Electric:** Aug 5 p 24\*; Nov 11 p 20\*  
 Predictions for 1976 and 1990, Nov 11 p 20A  
**Electronic Data Processing (See Computers)**  
**Electronic Dictating System:** AT&SF, Aug 19 p 24\*  
**Electronic Express Terminal:** CN, Sept 30 p 20\*  
**Electronic Locomotive Power Interrogator:** PC, July 22 p 25\*  
**Electronic System for Filing and Retrieving Waybills:** SP, July 22 p 13\*  
**Employees:** Fired for Unauthorized Strike on C&O, Oct 28 p 90\*; Nov 25 p 45\*; Dec 9 p 27\*  
 Handbook for New Employees, MP, July 15 p 11  
 New Opportunity for Dining Car Employees on CRI&P, Nov 18 p 8  
 Number of (Monthly), July 1/8 p 42\*; Aug 19 p 34; Aug 26 p 68; Sept 2 p 34\*; Oct 7 p 7, p 46\*; Dec 9 p 34\*; Dec 16 p 30\*, p 32  
**VeFAC Programming:** Work Measurement and Control System, Nov 18 p 30\*  
**Wage Negotiations:** BLE Balks at Settlement, Oct 14 p 12; Dec 23/30 p 12  
 BLF&E Wage-Rules Dispute Settled, Sept 23 p 12  
 BRS Balks at Settlement, Aug 26 p 12; Oct 14 p 12; Nov 25 p 7; Dec 23/30 p 12  
 BRT Wage-Rules Dispute Settled, July 22 p 7  
 CTA Operating Employees, Oct 28 p 86; Nov 11 p 36  
 Only a Few Hokicks, Oct 14 p 12; Dec 23/30 p 12  
 ORC&B Balks at Settlement, Oct 14 p 12; Dec 23/30 p 12  
 RYA Wage-Rules Dispute Settled, Sept 30 p 7  
 Shopcraft Unions Serve New Wage Notices, Dec 2 p 14; Dec 9 p 7  
 SUNA Wage-Rules Dispute Settled, Aug 5 p 12  
 TCEU Wage-Rules Dispute Settled, July 22 p 10  
**Wages:** Statistics, Monthly, 1966-68, Sept 9 p 42\*  
 Enamels, Car; E. I. du Pont de Nemours, Sept 23 p 84  
 Energy Needs, Outlook for, Oct 21 p 40  
 Engine Alarm System, Vapor, Oct 7 p 41\*  
 Engine Start; Arc-Start, Dec 2 p 24\*  
**Equipment Financing and Leasing:**  
 Are RRs Investing Wisely?, Sept 23 p 51\*  
 Big Market Ahead for Containers, Oct 28 p 36\*  
**GATX-Bothe Corp.:** Armco Steel Corp. Plan Joint Venture, Dec 23/30 p 7  
 Trailmobile Div. of Pullman, Inc., to Enter, Dec 23/30 p 12  
**Equipment Obligations at End of Years 1956-67:** Aug 5 p 39\*

**Erie Lackawanna:** Track Maintenance Hits Full Stride, Sept 9 p 17\*  
 Wages on Brush, Aug 12 p 19\*  
**Europe:** Barging Toward Trouble?, July 22 p 21\*  
 Railway Age Transit Tour, July 1/8 p 24\*; Tour Planned for 1969, Dec 2 p 7  
**Evan Products Co.:** Gondola Bulkhead for One-Man Operation, Sept 23 p 62\*  
**Exhibition:** Coordinated Mechanical Associations; RTA Plans Outdoor Exhibit, July 22 p 32; List of Exhibitors, Sept 23 p 54\*; Oct 14 p 24\*  
**International Container Services and Equipment Exportation:** Aug 19 p 12; Sept 23 p 7; Oct 26 p 54; Nov 11 p 11\*  
**Pan American Railway Congress:** Aug 19 p 12; Sept 2 p 7; Dec 2 p 21\*  
**Export Trade:** CMS&PEP "Golden Grain Train", July 22 p 10\*  
**Export Trade:** (See also Container Service; Intermodal)  
**Express Terminal at Toronto:** CN, Sept 30 p 20\*

## F

**FMC Corp.:** Plastic Strapping, Oct 28 p 81\*  
**FWD Corp.:** Transport Tractor, Oct 14 p 34  
**Fairmont Ry. Motors, Inc.:** Hy-Rail Equipment, Sept 9 p 34\*  
**Fares, Automated (See Automated Fare Collection System)**  
**Federal Sign and Signal Corp.:** Acquires Western Industries and Cullen-Friestd, July 15 p 7; Aug 19 p 36; Aug 26 p 69\*  
**Filing System, Electronic, for Waybills:** SP, July 22 p 13\*  
**Financing Modernized by PC:** Aug 19 p 7; Dec 23/30 p 7  
**Financing (See also Equipment Financing and Leasing)**  
**Finland:** Helsinki to Build Transit System, Nov 4 p 24  
**Fireman Issue:** Goes to Mediation, July 1/8 p 11; Nov 4 p 12  
**Fires, Right-of-Way:** S&L-SF Reduces, Aug 26 p 41\*  
**Flangeway Filler:** Goodyear Tire & Rubber, July 29 p 55\*  
**Floodlights (See Lighting)**  
**Flooring, Car:** D. B. Brampton, Oct 28 p 81\*  
**Flooring, Nailable:** Armco Steel, Sept 23 p 85  
**Fool Fair Stores, Inc.:** Double-Deck Livestock Cars, Aug 12 p 36  
**Ford Motor Co.:** Auto-Rack Tie-Down Changes for '69 Cars, Sept 30 p 36\*  
 Still Interested in Auto-on-Train Project, Aug 26 p 7  
**Fort Eustis Military RR.:** Operations of, Nov 11 p 22  
 714th Ry. Battalion Can Use Men, Nov 11 p 22  
**Frampton, D. B. & Co.:** Car Flooring, Oct 28 p 81\*  
**Frankfurt Subway Opens:** Oct 7 p 36; Nov 4 p 24  
**Freight Car Loadings:** Estimate for 1968, July 1/8 p 16  
 Estimates; Can Shippers Pinpoint Their Car Needs?, Aug 26 p 72\*; Oct 28 p 39  
**Piggyback (See Trailer-on-Flat-Car Service)**  
**Shippers' Estimates Compared with Actual, 1927-67:** Oct 28 p 84  
**Shippers' Estimates:** Third Quarter, July 1/8 p 7; July 29 p 61\*; Fourth Quarter, Oct 7 p 11; Oct 14 p 30\*  
**Ton-Miles Generated by (See Ton-Miles)**  
**Weekly Reports:** July 1/8 p 41; July 15 p 33; July 22 p 29; July 29 p 59; Aug 5 p 37; Aug 19 p 33; Aug 26 p 65; Sept 2 p 33; Sept 16 p 41; Sept 23 p 11; Sept 30 p 59; Oct 7 p 45; Oct 14 p 37; Oct 21 p 37; Oct 28 p 63; Nov 4 p 33; Nov 11 p 33; Nov 18 p 49; Nov 25 p 69; Dec 2 p 37; Dec 9 p 33; Dec 16 p 29; Dec 23/30 p 47

**Freight-Car Sales; Per Cent Loaded of Total, 1961-67:** Sept 16 p 43  
**Freight Density, 1961-67:** Sept 16 p 43  
**Freight Forwarder Industry, Outlook for, Nov 18 p 38**  
**Freight Forwarders Seek Authority to Make Contract with the RRs, Sept 23 p 66**  
**Freight Forwarders - Selected Statistics, 1967-68:** Oct 14 p 38\*  
**Freight Handling System:** Budd, Nov 25 p 7; Dec 23/30 p 44\*  
**Freight Rates (See Rates, Freight)**  
**Freight Rates:** AT&SF "Super C" Train, Report on, Oct 28 p 35\*  
 Computerized Car Tracing Pays Off, July 29 p 27\*  
 Enid, Okla., Board of Trade Praises RRs' Handling of Wheat Harvest, Sept 2 p 8  
**Freight Stations on Wheels for Branch Lines, July 22 p 16\***  
**Instant Car Tracing Answers:** CB&Q, July 29 p 39\*  
**LCL Service:** SCL Finds Money in, Dec 23/30 p 31\*  
**Paper Industry Seeks Better Service, July 15 p 36**  
**RRs Must be Bold, Innovative and Gambling, July 22 p 36\***  
**Shippers' Views on Car Tracing, July 29 p 46**  
 Shippers' Views on Use of RR Service in 1969, Dec 23/30 p 26  
**SP TOPS System, Nov 25 p 32\***  
**Story is the Same Everywhere, Dec 2 p 23**  
**"Train-a-Day" Helps Continental Grain Co., Nov 25 p 11\***  
**Freight Stations on Wheels:** CB&Q and MP, July 22 p 16\*  
**Freight Traffic:** Amount That is Containerizable, Oct 28 p 56  
 Automobile, RRs' Share in 1968, Dec 23/30 p 43  
**CN Increases Wire-and-Cable Traffic, Dec 16 p 13\***  
**Coal Traffic Trends, 1962-66, Aug 19 p 36\***  
**Distribution Warehouses Boost NYNH&H Traffic, Sept 23 p 17\***  
**Intercity:** Prediction for 1980, Nov 11 p 16  
**Intercity:** RRs' Share in 1967, Sept 3 p 16  
**Landbridge Potential, Aug 19 p 8**

**FreightMaster Hydraulic Cushioning Unit, Sept 23 p 64**  
**Fremont National Rys. Order Gas Turbine Rail Cars, Dec 9 p 28**  
**Fruhauf Corp.:** Container Chassis, Aug 26 p 62  
 Flat-Back Trailer, Aug 26 p 62\*  
**Fuel-Price Breakthrough, Sept 30 p 47**  
**Pull Creek Lease in Arkansas Upheld by Supreme Court, Nov 25 p 12**  
**Future of the Railways:** Budget-Planning: All Signs Point Upward, Nov 18 p 22\*  
 Goodbody & Co. on, Sept 2 p 18  
**Outlook for 1969:** Dec 2 p 40; Dec 23/30 p 7  
 Roderwidge, C. M. on, Dec 23/30 p 7  
**Shippers' Outlook for RR Service in 1969, Dec 23/30 p 26**  
**Statistics Nobody Wants to Talk About, Oct 21 p 14\***  
 Dec 9 p 27\*  
**"Super-Railroads" Revisited, July 22 p 24**  
 Where We Are... and Where We're Going, July 1/8 p 16\*  
**Who Believes RRs are Necessary?, July 15 p 40†**

## G

**GATX-Bothe Corp. - Armco Steel Corp. Plan Joint Leasing Venture, Dec 23/30 p 7**  
**General American Transportation Corp.:** Celanese 150-Ton Aluminum Tank Cars, July 15 p 22\*  
**Celanese Tank Car for Methanol, Sept 30 p 11\***  
 Seeks to Acquire LaSalle National Bank, Sept 23 p 66  
**General Electric Co.:** Communication System, July 15 p 29  
 Gets DOT Contract for TACV Study, July 29 p 13  
 Lamp, Improved, Nov 18 p 46\*  
 Locomotives, Electric, Automated, for Muskingum Electric, Aug 5 p 24\*; Nov 11 p 20\*  
 Two-Way Radios, Aug 5 p 33\*; Sept 16 p 37\*  
**General Motors Corp.:** Electro-Motive Div.:  
 Electrowhite, R. W. on Death of, Oct 21 p 40  
 Locomotives, 2300-Hp SD-39 Type, Aug 19 p 21\*  
**General Motors Diesel, Ltd.:** Rite Take a Long Look at Porters Flat Cars, Sept 30 p 11  
**General Railway Signal Co.:** G. E. Collins Named President, Sept 2 p 37\*  
**General Steel Industries, Inc.:** NJ m-u Cars for PC Commuter Service, Oct 7 p 20\*  
 Seeks to Acquire Simplicity Eng. Co., Oct 7 p 48\*  
**Georgetown RR to Install Coupled-in-Motion Weighing System, Nov 18 p 49**  
**Georgia & Florida:** W. Graham Claytor, Jr., Named President, Nov 4 p 23  
**Georgia Ports Authority:** Multi-Product Bulk Terminal at Savannah, Dec 23/30 p 50  
**Germany:** Frankfurt Subway Opens, Oct 7 p 36; Nov 4 p 24  
**German Federal Ry.:** Campaign Against Waterway Competition, July 22 p 21\*  
**Transit System Linking Major Cities Planned, Nov 4 p 24**  
 Munich Subway, July 1/8 p 24  
 Gifford-Hill & Co., Inc.: Forecasting Freight Car Needs, Oct 23 p 39  
 Gindy Mfg. Corp., Budd Co. to Acquire, Aug 5 p 7  
**Golden Spike Centennial:** Medal Given to President Johnson, Aug 12 p 12\*  
 Plans Set for, Dec 23/30 p 30  
**Goodyear Tire & Rubber Co.:** Flangeway Filler, July 29 p 55\*  
 Insulating Material, July 1/8 p 32  
**Government Expenditures for Transport Facilities in 1955, 1960, 1966, Aug 5 p 44†**  
**Government Ownership:**  
 British and Japanese Rys. Compared with U. S., Nov 4 p 38  
 Through the Back Door to, Nov 25 p 76\*  
**Government's Moral Obligation to be Honest About Transportation, Aug 5 p 44†**  
**Grade Crossings (See Crossings, Highway Grade)**  
**Grain Movement:** Enid, Okla., Board of Trade Praises RRs' Handling of, Sept 2 p 8  
 CMS&PEP "Golden Grain Train" Heads for Ports, July 22 p 10\*  
**IC Rest-a-Day Train Service, Sept 2 p 13; Sept 16 p 44; Oct 28 p 11; Nov 7 p 11; Dec 2 p 13**  
**"Train-a-Day" Helps Continental Grain Co., Nov 25 p 11\***  
**Grand Central Terminal, Office Building to be Built Over, July 1/8 p 11\***  
**Grand Trunk Western:** Container Service, Intermodal, Dec 9 p 11\*  
 Free Vias to Expo '67, Aug 19 p 36  
**Great Britain:** British Rys.: Deficit Increases, July 22 p 32  
 New Transport Act May Do Away with Big Deficits, Nov 25 p 50  
 150-mph Turbine Trains Planned, Dec 23/30 p 11  
**London Transport Victoria Line in Service, Oct 7 p 36**  
**Transport Act, New, Nov 25 p 50**  
**Transport Minister Visits U. S., Sept 9 p 44**  
**Great Lakes Freight Tonnage; September 1966-68, Nov 25 p 71**  
**Great Northern:** Improvement Program for 1969, Dec 23/30 p 49  
 Merger with NP-CB&Q, Oct 14 p 36; Nov 25 p 11; Dec 2 p 17; Dec 23/30 p 8  
 "Paced to Live": Safety Film, Nov 11 p 8  
**Unit Train for Hauling Potash, Dec 9 p 19\***  
**Unit Train for MP&L Planned, Aug 26 p 33**  
**Univac I Goes to Junkyard, July 1/8 p 7**  
**Great Slave Lake Line Automated, Sept 23 p 7**  
**Grinder, Refuse; Western Mfg., Nov 18 p 48\***  
**Grumman Aircraft Eng. Corp.:** DOT Contract for TACV Study, July 29 p 12

Gus Welty's Lines on Labor, July 1/8 p 12; July 15 p 11; July 22 p 11; July 29 p 12; Aug 5 p 12; Aug 12 p 13; Aug 19 p 15; Aug 26 p 12; Sept 2 p 13; Sept 9 p 12; Sept 16 p 12; Sept 23 p 12; Sept 30 p 12; Oct 7 p 12; Oct 14 p 12; Oct 21 p 13; Oct 28 p 12; Nov 4 p 12; Nov 11 p 12; Nov 18 p 12; Nov 25 p 12; Dec 2 p 14; Dec 9 p 12; Dec 16 p 14; Dec 23/30 p 12

## H

Harcos Mfg. Co.: Spark Arrestor, Sept 16 p 37\*  
Harmon Electronics, Inc.: FM Track Circuit, Dec 9 p 29\*  
Harriman Safety Awards, Sept 23 p 108  
Hawker Siddeley Canada: Cars for CN "Tempo" Trains, Aug 5 p 206\*  
Hayden, Stone: Annual Railroad Review, Sept 23 p 11  
Heater, Portable; E. L. Wiegand, Nov 18 p 46\*  
Helsinki to Build Transit System, Nov 1 p 24  
Hewlett-Packard Optical Reader, Sept 2 p 30\*  
High-Speed Ground Transportation: Northeast Corridor Project (See Northeast Corridor Project)  
High-Speed Ground Transportation Program, Extension of, July 15 p 25; July 22 p 11; July 29 p 12  
Highway Lobby:  
Have We Been Out-Lobbied—Again?, Aug 19 p 40†  
Mayors Tackle Some Concrete Issues, Oct 7 p 28, p 52†  
Highway Money Available for 1969, Dec 2 p 7  
Highway Trains: Bill to Liberalize Motor Vehicle Size and Weight Limitations Could Clear Way for, July 22 p 23; Aug 19 p 16; Sept 9 p 46  
Highways, Mayor Stokes Has Harsh Words for, Oct 7 p 28\*, p 52†  
Hotbox Display System; Servo Corp. of America, Dec 9 p 29\*  
Hotbox Statistics, July 22 p 31; Sept 2 p 7; Sept 16 p 42\*; Oct 21 p 38\*; Nov 18 p 7; Dec 2 p 38\*  
House Interstate and Foreign Commerce Committee: Changes Possible with Election, Nov 4 p 20  
Hearings on DOT Safety Bill, July 1/8 p 29  
Humphrey, Inc.: Accelerometer, Sept 30 p 53\*  
Hungary: Budapest Subway, July 1/8 p 24\*

## I

Illinois Central:  
Acquires Waterloo RR, Aug 5 p 7  
Air Rights Development in Chicago, July 15 p 36  
Commuters Association Disbands, Dec 16 p 32  
Computer Simulation Study of Carload Shipment Costs, Oct 14 p 31  
Crew Consist Dispute, Nov 18 p 12; Nov 25 p 11, p 12; Dec 2 p 7, p 12; Dec 9 p 12; Emergency Board Report, Dec 23/30 p 34, p 54†  
Design for Bi-Level Electric Cars, Aug 5 p 16\*; Correction, Sept 9 p 40†; Nov 18 p 54†  
Dispute with BLE Over Training of Supervisory Personnel, Aug 5 p 12  
May Run TurboTrain in Mini-Corridor, Dec 23/30 p 11  
New Wye Leg Frees Lakefront Land, Aug 12 p 24\*  
Purchasing Standards Should be Applied to Freight Service, Sept 9 p 403  
RPI Golden Freight Car Award, Oct 28 p 11; Nov 4 p 7\*  
Rail-a-Train Service: New Rates, Sept 2 p 13; Case Dismissed, Sept 16 p 44; First Train, Oct 28 p 11; Nov 11 p 11; ICC Examiner's Report, Dec 2 p 13  
Spending Down, May Go Up Again, Dec 16 p 7  
TOFC Memphis Service, July 29 p 7

Illinois Central Industries:  
Acquires Waukesha Fdy. Co., Aug 5 p 7; Sept 9 p 7  
To Acquire Abex Corp., Sept 23 p 65; Oct 21 p 12; Dec 16 p 13

Illinois Commerce Comm.: Safety Investigation, Sept 23 p 1; Oct 7 p 12

Illinois: Thanks to the RRs, Aug 26 p 30

Illinois Terminal: E. B. Wilson Named President, Sept 23 p 80

Isley, Doubleday & Co.: Rail Lubricator, Sept 9 p 34

Impact Recorder; Impact-O-Graph, July 22 p 34\*  
Impact-O-Graph Corp.: Shock Recorder, July 22 p 34\*  
Income Account, Cash Flow from, Years 1956-67, Aug 12 p 35\*

Industrial Development: Course, Aug 26 p 29\*  
Commerce Service: Plus for Site Selection?, Aug 26 p 37\*

Granger Road Hoes a New Row; CB&Q, Aug 26 p 31\*  
Illinois Owes Thanks to RRs, Aug 26 p 30

Industrial Park in Jersey City, Dec 23/30 p 7  
New Industries Build Traffic, Win Friends, Aug 26 p 27\*

Shippers' Views on RRs' Helpfulness in Site Selection, Aug 26 p 36

Traffic Manager's Part in Site Selection, Aug 26 p 36  
Industrial Waste, C&NW Fights, Nov 18 p 52

Inland Steel Co.: Unit Train Cars Have 17 Digits on ACI Labels, Oct 21 p 32

Institute for Rapid Transit Moves to Washington, July 1/8 p 21

Insulating Material; Goodyear Tire & Rubber, July 1/8 p 32

Integrated Transportation: Boyd, Alan S., on, Dec 16 p 28  
Common Ownership: Sooner or Later, Nov 25 p 31  
Defensive and Aggressive Diversification, Dec 16 p 17

Ideal Transportation Conglomerate, July 15 p 12  
Needs of the Cities and the Nation, Dec 16 p 28

New York Metropolitan Transportation Authority an Example of, Aug 12 p 32  
Shippers' Views on, Nov 25 p 40

International Business Machines Corp.: Data System, Sept 16 p 37  
Speed Reader, Oct 14 p 34  
Visual Display, Sept 2 p 30\*  
International Container Services and Equipment Exposition, Aug 19 p 12; Sept 23 p 7; Oct 28 p 54; Nov 11 p 11\*  
International Minerals & Chemicals Corp.: Potash Unit Train, Dec 9 p 19\*  
International Nickel Co. of Canada Ltd.: New Railroad to Serve, Nov 18 p 52  
International Railway Equipment Exposition, Aug 19 p 12; Sept 2 p 7; Dec 2 p 21\*; p 23  
International-Stanley Corp.: Nailable Steel Door Posts for Grain Cars, Sept 9 p 32\*  
International Telephone & Telegraph Corp. Acquires Transportation Displays, Inc., Oct 7 p 7  
International Union of Railways to Exchange Information on Containerization and Cybernetics with AAR, Aug 26 p 11  
Interstate Commerce Act: Amendment to Allow Freight Forwarders to Make Contract Rates with the RRs Proposed, Sept 23 p 66  
Interstate Commerce Commission:  
Brown, Virginia M., Chairman for 1969, Dec 23/30 p 7  
Burke, Wallace R., Appointed to, July 29 p 7; Sept 2 p 38  
C&NW-CMSTP&P Merger Recommended by Examiner, July 15 p 11; Nov 25 p 7; Dec 23/30 p 8  
Cost Evidence Case, Aug 26 p 48; Dec 16 p 36  
GN-NP-CB&Q Merger Case, Nov 25 p 11; Dec 2 p 17; Dec 23/30 p 8  
Keeps Bus as '68 Draws to a Close, Dec 16 p 36  
N&W-C&O Merger, July 15 p 12; Dec 16 p 36  
Official-Southern Divisions Case Returned by Supreme Court, Nov 18 p 11  
Passenger Service, Examiner Messer's Report on; Oral Argument, July 29 p 7 and Sept 16 p 28B; Dec 16 p 36  
Passenger Service Problem Referred to Congress, July 1/8 p 8; Oct 14 p 12; Oct 28 p 49  
PC Ordered to Take Over NYNH&H, Sept 30 p 7; Per Diem; Time/Mileage Order Delayed, Nov 25 p 72  
Rate Increase Case (Ex Parte No. 259), Hearings on, July 22 p 7; RRs' Brief, Nov 18 p 45; ICC Report, Dec 2 p 3; Dec 9 p 26, p 40†  
Report on Passenger Service Revenues and Deficits, Oct 7 p 40; Oct 21 p 8; Oct 28 p 48  
SCL-P&N Merger Recommended, Sept 23 p 11  
Staufford, G. M., Vice-Chairman for 1969, Dec 23/30 p 1  
Tuttle, Kenneth H., Reappointed, July 29 p 7  
WPS Ordered to Continue "California Zephyr" for Another Year, July 29 p 11; Aug 12 p 12; Sept 23 p 65; Sept 30 p 12; Oct 7 p 8; Can Advertising Save?, Nov 11 p 40†  
Investors, How to Attract to the RRs, Sept 9 p 36  
Italy, High-Speed Line Proposed for, July 15 p 10\*

## J

Japan:  
Japanese National Rys.: May Abandon Some Lines, Dec 16 p 7  
Tokaido Line Earns a Profit, Sept 30 p 37  
Osaka Wants Transit to World's Fair, Nov 4 p 24  
Johnson & Johnson: Permacel Div. Train Sold to Lancaster & Chester, Dec 2 p 40  
Joslyn Electronic Systems: Signal Protector, Aug 12 p 23\*; Spark Gaps, Dec 16 p 33\*  
Journal Bearing Assemblies: Roller Bearing: Timken Roller Bearing "AP", Sept 23 p 84\*

## K

Kaiser Aluminum & Chem. Corp.: Containerization Study, July 15 p 10; Oct 28 p 56  
Kansas City Southern Orders Longest Girder Bridge, Sept 30 p 7  
Katy Ind., Inc.: Plans Four Acquisitions, Nov 18 p 7  
Kentucky & Indiana Terminal: Harriman Safety Award, Sept 23 p 108  
Kershaw Tie Injector, Dec 9 p 17\*  
Keystone Ry. Equip. Co. Buys Rockford Bolt & Steel Co., Sept 9 p 7  
Knuckle Pins; Conway & Torley, Nov 18 p 46

## L

LCL Service, SCL Finds Money in, Dec 23/30 p 31\*  
Labor Disputes, What Can a Perplexed Shipper Do About Up-to-Date Information on, Oct 28 p 12  
Labor-Management Relations:  
Communications Part of the Answer, July 29 p 12  
Cooperation to Re-create a Growth Industry Needed, Oct 14 p 44†  
Curious World of, Sept 2 p 13  
Double-Standard in Propagandizing Employees, Sept 23 p 12  
Impasse or Breakthrough?; Gus Welty on, Sept 30 p 49\*; Nov 25 p 45†  
Limited Dialog: Continuation Hoped for, Oct 21 p 13  
Need for Studies of, Aug 26 p 12  
New Opportunity for Dining Car Employees on CRI & P, Nov 18 p 8  
Progress Calls for Change in, Oct 14 p 8  
TAA Study of, Aug 26 p 12  
Where Does Difference Between Opinion and Truth Begin?, July 29 p 12  
Labor Unions:  
"Bust the Unions", Dec 9 p 12  
Declining Political Power of, Nov 4 p 12  
Double-Standard in Propagandizing, Sept 23 p 12  
Indications of Dissent, Sept 9 p 12

Labor Unions: (Continued)  
Management Reports to Members Must Change, July 22 p 11  
New Breed in Management Needed, Sept 30 p 12  
Salaries of Officers, Nov 11 p 12  
Laboratory, Dynamic Testing Proposed at Battelle Memorial Institute, Sept 23 p 49  
Lamps:  
Long-Life Bulb; Duro-Test, July 15 p 29\*  
Lucalox; Gen. Elec., Nov 18 p 46\*  
Tubular-Metal Halide; Sylvania Elec. Prod., Sept 23 p 83\*  
Lancaster & Chester Buys Permacel Train, Dec 2 p 40  
Latin America, Freight and Passenger Service in, Dec 2 p 23  
Leasing (See Equipment Financing and Leasing)  
Legislation to Come Before the New Congress, Nov 11 p 25  
Lehigh & Hudson River: W. G. Moore Elected President, Oct 28 p 71  
Lehigh & New England: R. Fredericksen Elected President, Aug 26 p 50  
Leningrad Subway, Railway Age Group Tours, July 1/8 p 29  
Lenkurt Electric Co.: coaxial Multiplex, Oct 7 p 41  
LeTourneau, R. G., Inc.: Straddle Type Cranes, Dec 23/30 p 44\*  
Level Indicators; C. W. Stevens, July 29 p 55\*; Sept 30 p 53  
Lighting:  
Floodlight; Sylvania Elec. Prod., July 22 p 34\*  
Floodlights; Wide-Lite; Nov 4 p 22\*; Nov 18 p 46\*  
Recessing Frame; Wide-Lite, Oct 7 p 41\*  
Waterproof Light; Adjustable Fixture, Oct 28 p 81  
Lines on Labor, July 1/8 p 12; July 15 p 11; July 22 p 11; July 29 p 12; Aug 5 p 12; Aug 12 p 13; Aug 19 p 13; Aug 26 p 12; Sept 2 p 13; Sept 9 p 12; Sept 16 p 12; Sept 21 p 13; Oct 28 p 12; Nov 4 p 12; Nov 11 p 12; Nov 18 p 12; Nov 25 p 12; Dec 2 p 14; Dec 9 p 12; Dec 16 p 14; Dec 23/30 p 12  
Lining to Prevent Corrosion in Wet Rock Cars, Sept 23 p 46  
Link Group of Singer-General Precision, Inc. to Build Locomotive Simulator for AT&SF, Nov 4 p 20\*  
Load Binders; Cambridge Wire Cloth, Dec 23/30 p 44  
Load-Holder, Inc.: Brace Rods, Sept 30 p 53; Nov 25 p 62\*  
Loading Equipment:  
Brace Rods, Sept 30 p 53; Nov 25 p 62\*  
Double-Deci System; Budd, Nov 23 p 7; Dec 23/30 p 44\*  
Lobbying: Have We Been Out-Lobbied—Again?, Aug 19 p 40†  
Locomotive Maintenance: SEARCH Locomotive Test Systems; C&O/B&O, Sept 9 p 7; PC, Nov 4 p 33  
Locomotive Maintenance Officers' Assn.: 1968 Meeting, Sept 23 p 64; Oct 7 p 11; Oct 14 p 24  
Locomotive Pooling, How to Solve the Radio Problem in, Aug 12 p 26  
Locomotive Power Interrogator; PC, July 22 p 25\*  
Locomotive Simulators:  
AT&SF to Acquire, Nov 4 p 20\*  
SP to Acquire, July 15 p 11; Sept 16 p 11\*  
Locomotive Speed Control; WABCO Sig. & Comm. Div., Nov 11 p 29  
Locomotive Utilization Improved by Use of Locomotive Power Interrogator; PC, July 22 p 25\*  
Locomotives:  
Diesel-Electric:  
Age Distribution, Oct 7 p 47\*  
EMD 2300-Hp, SD-39 Series, Aug 19 p 21\*  
5,000-Plus Hp Units, RRs Owning, Oct 21 p 40;  
Correction; Nov 25 p 45†  
Horsepower Trends, Total, 1959-75, Oct 7 p 47\*  
Horsepower Trends, Unit, 1958-67, Oct 7 p 47\*  
Preview of Tomorrow's Equipment, Sept 30 p 24  
6,500-Hp Units Predicted for 1969, Oct 21 p 40;  
Correction, Nov 25 p 43†  
Third Generation High-Horsepower, Sept 23 p 11  
UP Centennial 6600-Hp Series, Nov 11 p 11  
Electric Gen. Elec. Automated: Muskingum Electric, Aug 5 p 24\*; Nov 11 p 20\*  
Gas Turbine: Outlook for, Sept 30 p 29  
No. 99, Roes for, July 29 p 29  
Remote Control Operation:  
Growing Popularity of, Oct 14 p 25  
L&N Cuts Ton-Mile Costs, Oct 21 p 16\*  
Muskingum Electric, Aug 5 p 24\*; Nov 11 p 20A\*  
Technology for Better Train Handling, Oct 21 p 20\*  
Correction, Nov 18 p 52\*  
Steam: Model of Last Locomotive Built in U. S. Given to Smithsonian, Dec 16 p 32  
London Transport Victoria Line in Service, Oct 7 p 36  
Long Island:  
Acquires Cars from KCS, Sept 9 p 41  
BRC Slowdown Causes Train Cancellations, Aug 19 p 12  
English Electric Corp. Wins Contract for Equipment, Oct 14 p 40  
Grant for Testing Dual-Drive Turbo-Electric Car, Sept 16 p 44; Dec 9 p 28  
High Speed Line to Kennedy Airport Proposed by MTA, Oct 21 p 12  
"Metropolitan" Cars, Aug 12 p 12; Sept 23 p 111; Nov 4 p 11\*; Dec 2 p 18\*  
Lord Mfg. Co.: Caboose-Noise Control, Nov 11 p 29\*  
Los Angeles Transit (See Southern California Rapid Transit District)  
Loss and Damage:  
AT&SF Computer Programs Designed to Prevent, Oct 14 p 36  
Bigger Role for Shipper Proposed, Sept 30 p 40  
How RR Traffic is Affected by, Sept 30 p 44  
Investors Leave RRs Because of, Sept 30 p 44  
National Safety Transit Test Proposed, Sept 30 p 40  
1967 Claims by Cause of Damage, July 29 p 61\*; Sept 30 p 41\*  
Operating Changes That Would Ease, Sept 30 p 41  
Payments; First Six Months, Nov 4 p 36

## RAILWAY AGE—Index

**Loss and Damage: (Continued)**  
 Research Shakeup Needed, Sept 30 p 40  
 STL-SF Squelches Line Fires, Aug 26 p 41\*  
 Louisville & Nashville:  
 BRT Strikes Over Crew Consist Dispute, Nov 11  
 p 11; Nov 18 p 12; Nov 25 p 11, p 12; Dec 2 p 7,  
 p 12; Dec 9 p 12; Emergency Board Report,  
 Dec 23/30 p 34, p 54\*  
 Crosstie Test Installations, Dec 9 p 15\*  
 \$40-Million Bond Issue, Sept 30 p 7\*  
 Remote Control Locomotive Operation, Oct 21 p 16\*  
 Shareholders Approve Merger with Monon, July 15  
 p 36; Aug 5 p 7; Sept 9 p 7  
 Lubricant, Upper-Cylinder, in Locomotives, Reduces  
 Right-of-Way Fires, STL-SF, Aug 26 p 41\*  
 Lubricator, Rail; Ialey, Doubleday, Sept 9 p 34  
 Lynch Communication System: System Repeaters,  
 Dec 16 p 33\*

**M**

Machine Tool Shipments and Orders, Oct 21 p 39;  
 Nov 25 p 71  
 Madrid Transit System Growing, Nov 4 p 24  
 Mail chute; Ezees Lift Sling, July 1/8 p 32\*  
 Mail Handling:  
 CS&S Contract Ended, Nov 25 p 7  
 Containerized Mail Tested in Canada, Oct 14 p 40  
 Maintenance of Equipment (See Locomotive Maintenance)  
 Maintenance of Way:  
 Budget Planning for 1969, Nov 18 p 24\*  
 CB&Q Tie Renewals Per Day Doubled, Dec 9 p 17\*  
 EL Track Maintenance Program, Sept 9 p 17\*  
 EL Wages War on Brush, Aug 12 p 19\*  
 M-K-T Track Rehabilitation Program, Sept 9 p 21\*  
 Priorities Are Important, Sept 9 p 48\*  
 Southern Ry. Case for Bigger Outlays, Nov 11 p 15\*  
 Maintenance of Way Equipment:  
 Dual-Purpose Machines Fight Snow in Winter; Work  
 Track in Summer; BAR, Aug 12 p 16\*  
 EL Track Maintenance Program, Sept 9 p 17\*  
 Track Machines Pay Big Dividends, Oct 14 p 20\*  
 Management:  
 Double-Standard in Propagandizing, Sept 23 p 12  
 Safety: What Management is Doing to Promote,  
 Sept 16 p 46†  
 Market Analysis of Northeast Corridor Traffic Potential, July 15 p 23†  
 Market Outlook, July 1/8 p 41; July 15 p 33; July 22  
 p 29; July 29 p 59; Aug 5 p 37; Aug 12 p 33; Aug 19  
 p 33; Aug 26 p 65; Sept 2 p 33; Sept 9 p 41; Sept 16  
 p 41; Sept 23 p 111; Sept 30 p 59; Oct 7 p 45; Oct  
 21 p 37; Oct 21 p 37; Oct 28 p 83; Nov 4 p 33; Nov 11  
 p 33; Nov 18 p 49; Nov 25 p 65; Dec 2 p 37; Dec 9  
 p 33; Dec 16 p 29; Dec 23/30 p 47

Marketing:  
 Car Design Input and, Sept 23 p 49  
 PC Service Centralized, Dec 9 p 7  
 Three-Way Deal, Dec 16 p 13

Markets:  
 Big Market Ahead for Containers, Oct 28 p 36\*  
 Car and Locomotive Outlook for 1969, Nov 18 p 23\*  
 Landbridge Traffic, Potential for, Aug 19 p 8;  
 Oct 28 p 29\*  
 Trailer/Container, Today and 1977, July 15 p 10;  
 Oct 28 p 36

Mass Transit: (See also Passenger Service; Suburban Service, and following places)  
 Atlanta Leningrad Philadelphia  
 Baltimore London Pittsburgh  
 Boston Los Angeles Rotterdam  
 Budapest Madrid San Francisco  
 Chicago Mexico City Seattle  
 Cleveland Moscow South Jersey  
 Detroit Munich Vienna  
 Frankfurt Northeast Corridor Washington, D. C.  
 Helsinki Osaka

Appropriations, Outlook for, July 1/8 p 21  
 Capital Needs for Next Decade, Sept 16 p 44  
 Fewer Studies, More Action Prescribed, July 1/8  
 p 22  
 Outlook at Midyear, July 1/8 p 21\*  
 Railway Age European Tour, July 1/8 p 24\*; Tour  
 Planned for 1969, Dec 2 p 7  
 Research Center, Need for, Sept 2 p 40†  
 Skokie Swift Operations, Oct 7 p 18\*  
 Transit on the Ballot: Moment of Truth at the  
 Polls, Nov 4 p 40†

Transit Overseas, Nov 4 p 24  
 Transit Roundup, Aug 5 p 22\*; Sept 2 p 22\*; Oct 7  
 p 36; Nov 4 p 17; Dec 2 p 26  
 Urban Growth Needs Early Transit Plans, Dec 9 p 23  
 We Have a Better Idea, Mr. Ford, Dec 2 p 44†

Mass Transit Grand: Made by HUD, Aug 5 p 23  
 Massachusetts Bay Transportation Authority: Con-  
 struction and Renovation Programs, Sept 2 p 23;  
 Nov 4 p 17; Dec 2 p 26

Material Handling Equipment Industry Bookings Up,  
 Sept 2 p 36; Dec 9 p 36  
 Material Handling Institute:  
 Loading Ramp Manufacturers Product Section  
 Formed, Aug 12 p 36

Millington, G. P., Jr., President, Oct 21 p 7  
 Material Price Index:  
 Fuel-Price Breakthrough, Sept 30 p 47  
 July 1965-68, Sept 23 p 113\*; Sept 30 p 47  
 Maties Equip. Corp.: Tamper-Liner, Sept 9 p 34\*  
 Mayors Tackle Some Concrete Issues, Oct 7 p 28,  
 p 52†

McConway & Torley Corp.:  
 Alloy Coupler, Oct 21 p 41  
 Knuckle Plas., Nov 18 p 46  
 Sold-Shank Coupler, Nov 4 p 22  
 Meal Service on CN "Tempo" Trains, Aug 5 p 20\*  
 Meetings of Associations, Sept 16 p 32  
 Mergers:

ACF Industries - Williams Bros., Aug 26 p 68  
 Alton & Southern Acquired by MP and C&NW,  
 Aug 12 p 7  
 BRAC-RPNU, Dec 2 p 14  
 BRAC-TECU, July 1/8 p 12; July 29 p 11; Sept 23  
 p 12; Dec 2 p 14

**Mergers: (Continued)**

Budd Co.-Gindy Mfg. Corp., Aug 5 p 7  
 C&NW-CGW Merger Completed, July 1/8 p 11  
 C&NW-CMSTP&P: Recommended by ICC Ex-  
 aminer, July 15 p 11; Nov 25 p 7; Dec 23/30 p 8  
 CRI&P Case, Sept 18 p 11  
 Delray Corp. RR Acquired by National Steel Corp.,  
 Aug 13 p 7  
 Des Moines & Central Iowa Acquired by C&NW,  
 Aug 13 p 7  
 Federal Sign and Signal Corp. Acquires Western  
 Industries and Cullen-Frost, July 15 p 7;  
 Aug 19 p 36; Aug 26 p 69\*  
 GATC-LaSalle National Bank, Sept 23 p 66  
 General Steel Ind.-Simplicity Eng., Oct 7 p 48  
 GN-NP-CB&Q Case, Oct 14 p 36; Nov 25 p 11;  
 Dec 2 p 17; Dec 23/30 p 8  
 IC Acquires Waterloo RR, Aug 5 p 7  
 IC Industries-Aber, Sept 23 p 65; Oct 21 p 13;  
 Dec 16 p 13  
 IC Industries-Waukesha Foundry Co., Aug 5 p 7;  
 Sept 9 p 7  
 IT&T-Transportation Displays, Inc., Oct 7 p 7  
 Keystone Ry. Equip. Co.-Rockford Holt & Steel Co.,  
 Sept 9 p 7  
 L&N-Monon, July 15 p 36; Aug 5 p 7; Sept 9 p 7  
 MP Withdraws Application to Acquire Control of  
 AT&SF, July 15 p 7  
 National Equipment Rental Limited - Rail-Trailer  
 Co., Dec 23/30 p 50  
 Nationwide Ind., Inc., Acquires Five Companies,  
 Oct 14 p 40  
 N&W-C&O, July 15 p 12; Dec 16 p 36  
 N&W System, D&H Joins, July 1/8 p 11; Nov 11 p 7  
 North American Car Corp.-Ryder System, Oct 14 p 7  
 North American Rockwell-Alex, Oct 7 p 48  
 Northwest Ind.-Swift & Co., Sept 2 p 7  
 Ogden Corp.-Ortner Freight Car Co., Sept 23 p 12  
 Operating Unions (Except BLE) Vote to Merge,  
 Aug 26 p 8; Sept 16 p 7; Sept 30 p 49; Oct 7 p 12;  
 Nov 4 p 11; Nov 11 p 12; Dec 16 p 14; Dec 23/30  
 p 12  
 PC-Kayser-Roth, July 1/8 p 7; Oct 7 p 7; Plan  
 Terminated, Nov 11 p 7  
 PC Ordered to Take Over NYNH&H, Sept 30 p 7;  
 Dec 9 p 12

Portec, Inc.-Fry & Co., Inc., Nov 18 p 7  
 Portec, Inc.-Paragon Bridge & Steel, Aug 5 p 7  
 Stanray Corp.-Remco Hydraulics, Sept 9 p 7  
 SCL-P&N Recommended, Sept 23 p 11  
 T.J.M.E. Freight Inc.-DC International Inc.-Los  
 Angeles-Seattle Motor Express, Inc.; ICC Ex-  
 aminer Approves, Nov 25 p 72  
 Union Tank Car Co.-Litton Industries Called Off,  
 July 15 p 7  
 Union Tank Car Co. Plans to Acquire Credit Infor-  
 mation Clearing House and Land-Development  
 Business, Sept 23 p 65; Mec-O-Matic, Inc.,  
 Nov 4 p 12

Use of the Computer in Preparing for, Oct 14 p 36  
 Message Switching on the RRAs, Aug 19 p 14  
 Metropolitan Atlanta Rapid Transit Authority: Bond  
 Issue Defeated, Nov 4 p 17, p 40†; Nov 11 p 7;  
 Dec 2 p 26  
 Metropolitan Transportation Authority:  
 Contract for LI Equipment Awarded to English  
 Electric Corp., Oct 14 p 40  
 Example of Common Ownership, Aug 12 p 32  
 Fair Rail Route to Kennedy Airport Proposed,  
 Oct 21 p 12; Dec 9 p 7  
 LI Gas-Carrier-Powered Car, Sept 16 p 44; Dec 9  
 p 28  
 LI "Metropolitan" Cars, Aug 12 p 12; Sept 23 p 111;  
 Nov 4 p 11\*; Dec 2 p 18  
 New York City Subway Plans, Oct 7 p 36; Nov 4 p 17  
 Roman Warns on Delay in Transit Program, Aug 19  
 p 7  
 Walled-Off Subway Stations Studied, Sept 2 p 7  
 Mexico City Metro to Open in 1969, Nov 4 p 24  
 Microwave:

AT&SF Plans Extension, Aug 12 p 33; Sept 9 p 41  
 NP System Near Completion, Dec 16 p 20\*  
 SP TOPS to Use, Nov 25 p 65  
 Minnesota Power & Light Co.: GN-NP Plan Unit  
 Trains for, Aug 26 p 33  
 Missouri-Kansas-Texas:  
 Heads Toward the Profit Zone, Sept 9 p 21\*  
 Rehabilitation Program, Sept 9 p 21\*  
 Salesmen Make Train; Hold Meetings, Oct 14 p 7  
 Mississippi Pacific:  
 Alton & Southern Acquired by, Aug 12 p 7  
 Cars, Box, Converted from Reefers, July 22 p 7  
 Freight Stations on Wheels, July 22 p 16\*  
 Handbook for New Employees, July 15 p 11  
 Purchasing Manual Outlines Policy, Aug 19 p 17\*  
 Rock House Branch Built Fast, Oct 14 p 16\*  
 Solving the Radio Problem in Power Pools, Aug 12  
 p 26

Track Lowered in St. Louis Yard, Nov 11 p 21\*  
 "Train-a-Day"; Continental Grain Co., Nov 25  
 p 11\*  
 Withdraws Application to Acquire Control of AT&SF,  
 July 15 p 7

Molded Fiber Glass Body Co.: Fiber-Glass Skylights,  
 July 1/8 p 32\*  
 Monday Morning Report (See page 8 each issue)

Monon Shareholders approve Merger with L&N, July 15  
 p 36; Aug 5 p 7; Sept 9 p 7  
 Morrison Steel Products, Inc.: Tool Storage Trailer,  
 Oct 21 p 41\*  
 Moscow Adds New Transit Lines, Nov 4 p 24  
 Moscow Subway, Railway Age Group Tours, July 1/8  
 p 24

Motion Pictures:  
 "Paced to Live"; GN Safety Film, Nov 11 p 8  
 "Railroads - Route of Illinois Progress", Aug 26  
 p 30

Motor Truck Operators Brace for De-Regulation  
 Crisis, Dec 9 p 23  
 Motor Truck Size and Weight Limitations, Bill to  
 Liberalize, July 22 p 23; Aug 19 p 16; Sept 9 p 46  
 Motor Truck Tonnage, Intercity:

Monthly, Aug 26 p 68; Dec 2 p 7  
 Quarterly, Sept 2 p 35\*; Dec 9 p 35\*

**Motor Truck Tonnage, Intercity: (Continued)**

Weekly, Sept 2 p 7; Sept 30 p 60\*; Oct 7 p 7; Oct 14  
 p 39\*; Oct 28 p 66; Nov 4 p 7, p 34\*; Nov 11 p 36;  
 Dec 15 p 7; Dec 23/30 p 48\*

Motor Truck Utility Body; Reading Body Works,  
 Aug 19 p 32\*  
 Motor Vehicle Traffic: RR's Share in 1968, Dec 33/30  
 p 43

Motorola Communications and Electronics, Inc.:  
 Crane Control, Sept 16 p 37

Motorola Instrumentation and Control, Inc.: Docu-  
 ment Reader, Aug 12 p 23\*

Munck Cargo Handling Systems, Inc.: Bale Clamps,

Nov 25 p 62\*

Munich Subway, Railway Age Group Tours, July 1/8  
 p 24

Muskingum Electric:

Cars, Hopper, Nov 11 p 20A\*

Electric Locomotives, Aug 5 p 24\*; Nov 11 p 20A\*

To Begin Operation Soon, Nov 11 p 20\*

**N**

NVF Co.: Modular Shelters, Oct 21 p 41\*

Naperville Junction: F. W. McCabe Elected Presi-  
 dent, Aug 5 p 22

National Association of Shippers' Advisory Boards:

Annual Meeting, Sept 30 p 62; Oct 28 p 8, p 30,

p 66 (Officers); Nov 18 p 38

National Castings Automatic Coupler, Oct 14 p 11;

Oct 28 p 81

National Defense Transportation Assn.:

Award to S. T. Saunders, Aug 26 p 7; Oct 21 p 7

Transportation and Logistics Forum, Oct 21 p 7

National Equipment Rental Limited to Acquire Rail-  
 Trailers Co., Dec 23/30 p 50

National Industrial Traffic League: Officers, Dec 9  
 p 36

National Mediation Board Refuses to Certify Belt Ry.  
 of Chicago-BRT Crew Consist Dispute, Aug 12  
 p 13, p 40†; Aug 19 p 36; Aug 26 p 12; Sept 9 p 44;  
 Sept 30 p 11, p 52; Oct 7 p 11; Oct 14 p 11; Oct 21  
 p 7; Nov 4 p 11; Nov 11 p 11; Dispute Certified,  
 Nov 18 p 12; Nov 25 p 11, p 12; Dec 2 p 7, p 12;  
 Dec 9 p 12; Emergency Board Report, Dec 23/30  
 p 34, p 54†

National Safe Transit Committee: Vibration and Im-  
 pact Tests for Packaged Goods, Sept 30 p 40

National Steel Corp. Acquires Delray Connecting RR,  
 Aug 12 p 7

Nationalization (See Government Ownership)

Nationwide Ind., Inc., Acquires Five Companies,  
 Oct 14 p 40

Net Income:

Earnings Take a Turn for the Better, Aug 5 p 30;  
 Sept 2 p 12; Dec 9 p 7

Estimates for 1968, July 1/8 p 16; Sept 2 p 16;

Sept 23 p 11; Dec 23/30 p 43

Second Quarter, Sept 2 p 12

Net Railway Operating Income: First Quarter, July 23  
 p 31; First Half, Sept 2 p 12

Netherlands: Rotterdam Metro a Success, Nov 4 p 24

New Jersey:

Cars, "Jersey Arrow", for Operation by PC, Oct 7  
 p 20\*; Nov 11 p 36

Probe: PC Commuter Service Ordered, Aug 5 p 40

Transportation Bond Issue, Oct 7 p 20; Oct 21 p 40;

Nov 4 p 17, p 40†; Nov 11 p 7; Dec 2 p 8\*

Transportation Center for Jersey City, Aug 5 p 23;  
 Oct 21 p 53

New South Wales Govt. Rys.: Double-Deck Power  
 Cars and Interurban Cars, Sept 9 p 40†; Nov 18  
 p 54\*†

New York City:

Rail Links to Kennedy Airport Proposed, Oct 21  
 p 12; Dec 9 p 7

Subway and Tunnel Plans, Oct 7 p 36

Warned on Delay in Starting Transit Program,  
 Aug 19 p 7

New York City Transit Authority:

Capital Spent in 1968, Nov 11 p 26

Command Center Planned by, Nov 4 p 13

MTA Studies Walled-Off Subway Stations, Sept 2 p 7

Station Modernization Program, Oct 7 p 36; Nov 4  
 p 17

Subway and Tunnel Plans, Oct 7 p 36

Subway Cars, More, Ordered, Aug 19 p 33

New York, New Haven & Hartford:

Distribution Warehouses Boost Traffic, Sept 30 p 17\*

Northeast Corridor Project, July 15 p 23†

PC Ordered to Take Over, Sept 30 p 7; Dec 6 p 13

Seeks Additional Loan from PC, Sept 30 p 7

TurboTrains Accepted by DOT, Nov 4 p 16\*; Nov 18  
 p 7; Dec 23/30 p 11

New York State Metropolitan Transportation Authority  
 (See Metropolitan Transportation Authority)

Niagara University to Offer Transport Course, Aug 12  
 p 7

NIFE, Inc.: Static Inverters, Dec 9 p 39\*

Newark Campaign Aided by Prominent Transportation  
 Men, Nov 4 p 36

Non-Operating Unions: Shopcraft Unions Serve New  
 Wage Notices, Dec 2 p 14; Dec 9 p 7

Norfolk & Western:

D&H Becomes Part of, July 1/8 p 11; Nov 11 p 7

Equipment Trust Issue Sold, Dec 16 p 7

Merger with C&O, July 15 p 12; Dec 16 p 36

Model of Last Steam Locomotive Built in U. S.

Given to Smithsonian, Dec 16 p 32

Pevier, H. H., Wins Jefferson Award, July 29 p 62

Real Estate Projects, July 22 p 12\*; Dec 2 p 13

North American Car Corp.: Begins Talks with Ryder  
 System, Oct 14 p 7

North American Rockwell Corp. Makes Offer for Abex  
 Corp., Oct 7 p 48

Northeast Corridor Project:

Market Analysis of Potential Traffic, July 15 p 23†

Metrotrans Tested, Oct 21 p 12\*; To Go into Ser-  
 vice, Dec 23/30 p 11

Threat of DOT Pull-Out "Exaggerated", Nov 18  
 p 11

TurboTrains Accepted by DOT, Nov 4 p 16\*; Nov 18  
 p 7; May Run in IC Mini-Corridor, Dec 23/30 p 11

**Northern Pacific:**  
Cars Advertise Share in Freedom Campaign, Oct 28 p 7  
Heads for a New High in Communications, Dec 16 p 20\*  
**Land-Bridge Container Service Proposed:** July 1/8 p 11  
Merger with GN-CB&Q, Oct 14 p 36; Nov 25 p 11; Dec 2 p 17; Dec 25/30 p 8  
Mesa-Mattawa Line: Work Begun on, Oct 21 p 40  
Microwave System Near Completion, Dec 16 p 20\*  
Out on the Line with Lou Menk, Aug 5 p 30\*  
Scholarships Established, Nov 18 p 52  
Telephone Facilities Upgraded, Dec 16 p 24  
Terminal Performance Control (TPC), Nov 25 p 35\*; Dec 16 p 21  
Traffic Men Visit Japan, Sept 30 p 7  
Unit Train for MP&St. Planned, Aug 26 p 33  
**Northstar Industries, Inc.:** Merger Talks with Swift & Co., Sept 2 p 7  
**Northwestern University Transportation Center:** Report for 1967-68, Nov 25 p 31

**O**

**Oakland Terminal Is Multi-Modal:** Aug 12 p 36  
Ogden Corp. to Acquire Ortner Freight Car Co., Sept 23 p 12  
**O'Neal Tarpaulin Co.:** Docking Enclosure, Aug 26 p 62\*  
**Oneida Electronics, Inc.:** Two-Way Translator, Oct 21 p 41  
**Operating Efficiency:**  
Case for Bigger M/W Outlays, Nov 11 p 15\*  
Indicators of, 1964-67, Oct 14 p 39; Nov 4 p 35  
Rail, Truck and Air Compared, Sept 30 p 24  
Trains Launched Pay Big Dividends, Oct 14 p 20\*  
**Operating Studies:**  
Missouri-Kansas-Texas, Sept 9 p 21\*  
Skokie Swift, Oct 7 p 18\*  
**Operating Union (Except BLE) Vote to Merge:** Aug 26 p 8; Sept 18 p 7; Sept 30 p 49; Oct 7 p 12; Nov 4 p 11; Nov 11 p 12; Dec 16 p 14; Dec 23/30 p 12  
**Order of Railway Conductors & Brakemen:**  
Balks a Wage Settlement, Oct 14 p 12; Dec 23/30 p 12  
"Change" Philosophy of Clyde Lane, Aug 12 p 13  
Crew Const Agreement with RFP&P, Sept 9 p 11; Sept 16 p 7  
Vote to Merge with BRT, BLF&E, SUNA, Aug 26 p 8; Sept 18 p 7; Sept 30 p 49; Oct 7 p 12; Nov 4 p 11; Nov 11 p 12; Dec 16 p 14; Dec 23/30 p 12  
**Ore Terminal at Escanaba:** C&NW, Nov 25 p 72; Dec 16 p 18\*  
**Organization of Railroads:**  
PC Centralizes Marketing Service, Dec 9 p 7  
Reading Merges Two Divisions, Aug 26 p 7  
**Ortner Freight Car Co.:**  
Muskingum Electric Hopper Cars, Nov 11 p 20A\*  
Ogden Corp. to Acquire, Sept 23 p 12  
**Osaka Wants Transit to World's Fair:** Nov 4 p 24

**P**

**Pacific Car & Foundry Co.:** PFE Mechanical Refrigerator Cars, Aug 26 p 38\*  
**Pacific Fruit Express:** Adds 400 Mechanical Refrigerator Cars, Aug 26 p 38\*; Orders 1200, Nov 11 p 12  
**Pain, Rust-Resistant:** Valspar, July 22 p 34  
**Pan American Railway Congress:**  
Equipment Exposition, Aug 19 p 12; Sept 2 p 7; Dec 2 p 21\*, p 23  
Five Working Sections, Aug 19 p 12  
Goodfellow, T. M., to Head U. S. Delegation to, Oct 21 p 7  
Meeting of, Nov 18 p 42; Nov 25 p 8; Dec 2 p 21\*  
Railway Age Tour, Aug 19 p 12  
U. S. Papers Win Awards, Dec 16 p 37  
**Paper Industry Seeks Better Service:** July 15 p 38  
**Paragon Bridge & Steel Co.:** Portec to Acquire, Aug 5 p 7  
**Passenger Business:**  
InterCity: RR's share in 1967, Sept 2 p 16  
ICC Report, on, Oct 7 p 40; Oct 21 p 8; Oct 28 p 48  
Market Analysis of Northeast Corridor Potential, July 15 p 23\*  
What Has the CN Proved?, July 15 p 24\*  
**Passenger-Miles:** InterCity in 1967, Sept 2 p 16  
**Passenger Service:**  
Autos-On-Trains Project, Ford Motor Co. Still Interested in, Aug 26 p 7  
Cost Study Proposed by Sen. Magnuson, Oct 14 p 12; Oct 28 p 48  
**ICC Examiner Messer's Report on:** July 29 p 7; Sept 16 p 28B; Dec 16 p 36  
**ICC Refers Problem to Congress:** July 1/8 p 8; Oct 14 p 12; Oct 28 p 48  
Public Associates RR's with, Sept 30 p 8; Oct 14 p 33\*  
Railfans and, Aug 12 p 27\*  
Showcase for Shippers?, Aug 12 p 8  
Story is the Same Everywhere, Dec 2 p 23  
**Suburban Service:**  
Northwest Passage to Link CTA and C&NW, Nov 4 p 38  
Plus for Site Selection?, Aug 26 p 37\*  
Reverse-Direction, Need for, Aug 26 p 37\*  
**Train Discontinuances (See Train Discontinuances)**  
What Has CN Policy Proved?, July 15 p 24\*  
**Passenger Service Deficits:** ICC Report on, Oct 7 p 40; Oct 21 p 8; Oct 28 p 48  
**Passenger Stations (See Stations, Passenger)**  
Passenger Transportation Research Program (See Northeast Corridor Project)  
**Penn Central:**  
Air Rights for Building Over Grand Central Terminal Leased, July 1/8 p 11\*  
Cars, "Jersey Arrow", for NJ Commuter Service, Oct 7 p 20\*; Nov 11 p 36

**Penn Central: (Continued)**  
**Conglomerate: What It Is:** July 29 p 8  
Earnings in First Half, July 29 p 11; Third Quarter, Nov 18 p 49  
Equipment Orders Rise to \$80 Million, Aug 19 p 12  
Financing Methods Modernized, Aug 19 p 7; Dec 23/30 p 7  
Interline Pullmans Reduced, July 29 p 62  
Landbridge Train Proposal, Oct 28 p 30, p 33\*  
Locomotive Power Interrogator, July 22 p 25\*  
Marketing Services Centralized, Dec 9 p 7  
Moves NYC Operations from LaSalle Street Station to Union Station in Chicago, Nov 4 p 7  
NYN&H Seeks Additional Loan, Sept 30 p 7; Ordered to Take Over, Dec 9 p 12  
**Northeast Corridor Project:** July 15 p 231; Oct 21 p 12\*; Dec 23/30 p 11  
**Periman, A. E.:** Given Sigma Alpha Mu's "Man of the Year" Award, Dec 18 p 32  
**Periman Yard Dedicated:** Sept 30 p 25\*  
Probe of NJ Commuter Service Ordered, Aug 5 p 40  
Roses for Old "999", July 29 p 62  
**SEARCH Locomotive Test System Ordered:** Nov 4 p 33  
Seeking Bids on 130 Diesels, Sept 30 p 11  
Subsidiary to Build Recreational Park, Sept 9 p 7  
To Acquire Kayser-Roth, July 1/8 p 7; Oct 7 p 7; Merger Plans Terminated, Nov 11 p 7  
To Drop Three Worcester-Boston Trains, Dec 23/30 p 50  
To Expand Unit Train Operations, Oct 28 p 86  
WayneBoro Southern in Operation, July 22 p 7; July 29 p 11\*  
Yards at Columbus Planned, July 1/8 p 12  
**Per Diem; ICC Delays Time/Mileage Order:** Nov 25 p 72  
**Per-Share Results for Selected RR's Estimated for 1968:** Sept 30 p 61  
Pettibone Mulliken Cranes Used by SCL to "Thread" Long Rails, July 15 p 15\*  
**Philadelphia:** "Operation Northwest" Service to Get More Silverliners, Dec 2 p 40  
**Philadelphia Transportation Co. to Be Taken Over by SEPTA:** Oct 7 p 36  
Phosphate Terminal at Tampa; SCL, Sept 23 p 45\*  
Piedmont & Northern Merger with SCL Recommended, Sept 23 p 11  
**Pipelines:**  
AT&SF First Wholly-Owned, Sept 9 p 7  
Average Revenue Per Ton-Mile, 1959-67, Nov 4 p 35\*  
Revenue and Traffic; Second Quarter, Nov 25 p 70\*  
Solid Pipeline Moves Closer in Canada, Aug 12 p 36  
UP Subsidiary to Build, Aug 26 p 7  
**Pittsburgh Set for Skyrail:** Sept 2 p 22  
**Pittsburgh Urban Transit Council Planned:** Sept 2 p 40\*  
Plasser American Corp.: Tamper, Oct 14 p 34\*  
Pooling of Locomotives, How to Solve the Radio Problem in, Aug 12 p 26  
**Port Authority Trans-Hudson Corp.:**  
New Manhattan Terminal, Dec 2 p 26  
Transportation Center for Jersey City, Aug 5 p 23; Oct 28 p 83  
**Port of New York Authority:** New Yard to Feed Cars to "Landbridge", Aug 5 p 40  
**Portec, Inc.:**  
Insulated Rail Joint, Oct 14 p 34\*  
To Acquire Fry & Co., Nov 18 p 7  
To Acquire Paragon Bridge & Steel Co., Aug 5 p 7  
Posts, Nailable Steel Door, for Grain Cars; International-Stanley, Sept 9 p 32\*  
Power Pools, How to Solve the Radio Problem in, Aug 12 p 26  
**Power Supply: Vapor Inverter:** Oct 7 p 41\*  
**Price Index:**  
Fuel, Material and Supplies, July 1965-68, Sept 23 p 113\*; Sept 30 p 47  
Fuel-Price Breakthrough, Sept 30 p 47  
**Public Image of the Railroads:**  
Enid, Okla., Board of Trade Praises RR's Handling of Wheat Harvest, Sept 2 p 8  
Have We Been Out-Lobbied - Again?, Aug 19 p 40\*  
Industrial Development Helps Build, Aug 26 p 27\*  
It's Management's Job, Sept 30 p 8  
Need to Change, July 1/8 p 26  
No Tin Cups, Please, Sept 16 p 24A  
RRs Must Be Bold, Innovative and Gambling, July 22 p 36\*  
RRs Need "Sense of Style", Oct 28 p 86  
RRs Still Thought of in Terms of Movement of People, Sept 30 p 8; Oct 14 p 33\*  
What's the Question?, July 29 p 42A  
**Public Opinion: Plus - or Peril?** Sept 23 p 116\*; Nov 18 p 54\*  
**Public Relations:** Have We Been Out-Lobbied - Again?, Aug 19 p 40\*  
Pullman Co.: RR's to Take Over Operation of Cars, Dec 2 p 40  
**Pullman, Inc.:**  
Trainmobile Div.: Reorganizes Field Sales Setup, July 22 p 32  
To Enter Leasing Field, Dec 23/30 p 12  
**Pullman-Standard:**  
Car, Side Hopper, Sept 23 p 22\*  
Car, Side Hopper, Sept 23 p 22\*  
TOFC/COFC Car Exhibited, Nov 11 p 11\*  
Purchases: Estimate for 1969, Nov 18 p 23  
**Purchasing and Materials Management:**  
How CN Spends Accounts Payable, Nov 25 p 42\*  
Improving Relationships with Other Departments Sept 16 p 22  
Use of Computers for, Sept 16 p 22  
**Purchasing Manual Prepared by MP:** Aug 19 p 17\*  
Purchasing Standards of IC Should be Applied to Freight Service, Sept 9 p 40\*

**Q**

Quality Control, Car Shortage a Problem of, Oct 28 p 8

\*Illustrated; †Editorial; ‡Letters from Readers

**R**  
**REA Express:**  
Employees Strike Against Union Representation, Aug 5 p 12  
Kane, J. T., Named Public Relations Director, Sept 23 p 114; Oct 14 p 41\*, p 42  
Jordan, R. H., Elected President, July 1/8 p 7; July 22 p 27\*, p 28  
Moseley, S. D., Elected President, Oct 14 p 41\*, p 42  
**REA Leasing Corp.:**  
Budorick, R. E., Named President, Aug 5 p 11  
**REA Express Will Sell Interest in:** July 1/8 p 7

**Radio:**  
Crane Control; Motorola, Sept 16 p 37  
Radio Relay; Cardion Communications, Aug 12 p 23\*  
RR Communication Unit; WABC Sig. & Comm. Div., Aug 19 p 32\*  
Solving the Radio Problem in Locomotive Pooling, Aug 12 p 26  
**Two-Way:** Gen. Elec., Aug 5 p 33\*; Sept 16 p 37\*  
**Radio Remote Control Operations (See Remote Control Operations)**  
**Radio Teletypewriter:** AAC S&C Report on, Oct 14 p 32  
**Rail:**  
Welded:  
CTA Median-Strip Extensions, Aug 12 p 22  
Cleveland Transit Airport Extension, Sept 2 p 28\*  
How SCL "Threads" Long Strings, July 15 p 15\*  
How Southern Ry. Lays, Nov 11 p 15\*  
Rail Anchor Applicator, RMC, July 15 p 29\*  
Rail Drill-Saw, RMC, July 15 p 29\*  
Rail-Highway Equipment; Fairmont Ry. Motors, Sept 9 p 34\*  
**Rail-Highway Station Wagon Used by Lou Menk:** Aug 5 p 30\*  
**Rail Joint, Insulated:** Portec, Oct 14 p 34\*  
**Rail Lubricator:** Ilsey, Doubleday, Sept 9 p 34  
**Rail-Trailer Co.:**  
Plans Stock Split, Oct 14 p 40  
Ryan Award, Sept 30 p 62; Oct 28 p 87  
To Be Acquired by National Equipment Rental Limited, Dec 23/30 p 50  
**Railfan and Passenger Service:** Aug 12 p 27\*  
**Railroad Retirement Board:**  
Reappointment of T. M. Healy Confirmed, Aug 12 p 37  
Staff Appointments, Nov 25 p 56  
**Railroad Retirement Tax Rate to Increase:** Dec 23/30 p 7  
**Railroad Yardmasters of America:** Agreement on Wages and Rules, Sept 30 p 7  
**Railroaders Look at the Election:** Nov 18 p 34  
**Railway Age:**  
Malone, F., Named Washington Editor, Oct 21 p 13\*  
Pan American Tour, Aug 19 p 12  
Rail Transit Tour of Europe, July 1/8 p 24\*; Tour Planned for 1969, Dec 2 p 7  
Taft, W. J. Retires, Oct 21 p 13\*  
Railway Bookshelf, July 1/8 p 37; Aug 5 p 41; Sept 2 p 31; Nov 11 p 28  
**Railway Fuel & Operating Officers' Assn.:** 1968 Meeting, Sept 23 p 64; Oct 7 p 11; Oct 14 p 25  
**Railway Maintenance Corp.:**  
Anchor Applicator, July 15 p 29\*  
Rail Drill-Saw, July 15 p 29\*  
**Railway Patrolmen's International Union Plans to Merge with BRAC:** Dec 2 p 14  
**Railway Progress Institute:**  
Annual Dinner and Meeting, Oct 14 p 7; Oct 28 p 11; Nov 4 p 7\*  
Golden Freight Car Award, Oct 28 p 11; Nov 4 p 7\*  
New Look and the Men Behind It, Dec 23/30 p 23\*  
Officers, Nov 4 p 7; Nov 11 p 38\*  
Passenger Traffic Comm., July 1/8 p 44  
Road Show "The New Railroads", Dec 23/30 p 23\*  
**Railway Supply Industry:**  
Czechoslovakian Industry, Implications of Soviet Occupation on, Sept 30 p 34  
Rousing Vote of Confidence in RR's, Sept 30 p 66\*  
**Railway Systems and Management Assn. Seminar on Loss and Damage, Sept 30 p 40\***  
**Railway Tie Assn.:**  
Developments in Tie Research and Technology, Dec 9 p 14\*  
The Research Conducted with AAR, July 15 p 18\*  
**Railway Transportation Associates' Outdoor Exhibit at Coordinated Associations' Meetings:** July 22 p 32; Sept 23 p 54\*; Oct 14 p 24\*  
**Railweight, Inc.:** Georgetown RR to Install Weighing System, Nov 18 p 49  
Ramp, Passenger; Stephens-Adamson, Aug 5 p 33\*  
Ramp, Yard; Copperloy, Oct 28 p 81\*  
**Rate Making:**  
IC Rent-a-Train Plan, Sept 2 p 13; Sept 16 p 44; Oct 28 p 11; Nov 11 p 11; Dec 2 p 13  
ICC Cost Evidence Case, Aug 26 p 48; Dec 16 p 36  
**Things Pricing Should Do:** Aug 19 p 13  
**Rate Making Freedom, RR's Make New Bid for:** Aug 26 p 48; Dec 16 p 36  
**Rate of Return:**  
Estimate for 1968, Dec 23/30 p 43  
RR's Criticized for Understating, Dec 9 p 26  
12 Month Ended June 30, Sept 2 p 12  
**Rates, Freight:**  
Bill to Provide for Joint Modal Rates in International Transport, Oct 21 p 33; Oct 28 p 87  
IC Rent-a-Train Plan, Sept 2 p 13; Sept 16 p 44; Oct 28 p 11; Nov 11 p 11; Dec 2 p 13  
**Official-Southern Divisions Case Returned to ICC by Supreme Court:** Nov 18 p 11  
Rate Increase Case (Ex Parte No. 259), Hearings on, July 22 p 7; RR's Brief, Nov 18 p 45; ICC Report, Dec 2 p 13; Dec 9 p 26, p 40\*  
Shippers' Views on Joint Rates/Through Routes, Nov 25 p 40

Reading:  
Cuts 9-Months Deficit, Oct 28 p 7  
Merges Two Divisions, Aug 26 p 7  
Subsidiary to Build Containers, Sept 9 p 11\*  
Supports Inclusion in NAW-C&O Merger, but Not as  
a Controlled Subsidiary, July 15 p 12  
Wheel Shop at Reading, Sept 9 p 41; Sept 30 p 48\*  
Reading Body Works, Inc.: Maintenance Truck Body,  
Aug 19 p 32\*

## Real Estate Projects:

N&W Projects, July 22 p 12\*; Dec 2 p 13  
PC Subsidiary to Build Recreational Park, Sept 9 p 7  
UP to Join Housing Venture, Aug 12 p 12  
Refrigeration-Heating Unit for Containers; Thermo  
King, July 22 p 34\*

Refuse Grinder; Western Mfg., Nov 18 p 46\*

## Remote Control Operations:

AAR S&C Section Report on, Oct 14 p 29  
Locomotive Operation Growing in Popularity,  
Oct 14 p 25  
L&N Locomotive Operation, Oct 21 p 16\*  
Muskingum Electric, Aug 5 p 24\*; Nov 11 p 20D  
Technology for Better Train Handling, Oct 21  
p 20\*; Correction, Nov 18 p 52\*

Rent-a-Train Plan, IC; New Rates, Sept 2 p 13;  
Case Against Dismissed, Sept 16 p 44; First  
Train, Oct 28 p 11; Nov 11 p 11; ICC Examiner's  
Report, Dec 2 p 13

Reparations Case, 20-Year Old; Thomson Phosphate  
Co., Oct 7 p 34

## Research:

Canadian Transport Men Urged to Support, Sept 9  
p 37  
Need for Mass Transit Center, Sept 2 p 40†  
U. S. Dept. of Transportation High-Speed Passenger  
Transportation Program (See Northeast Corridor  
Project)

Revenue Dollar in 1967, Distribution of, July 1/8 p 43\*  
Revenue Per Ton-Mile, Rail and Truck, 1958-67, Oct  
21 p 15; Dec 9 p 27†

## Revenues:

Distribution Among Regulated Freight Carriers,  
1966 and 1967, Dec 2 p 30\*  
Estimated Freight, by Transportation Mode, 1958-66,  
Oct 21 p 14; Dec 9 p 27†  
Forecast for 1969, Nov 18 p 26  
Rail Freight, as a Percentage of Gross National  
Product, 1958-66, Oct 21 p 14; Dec 9 p 27†  
RR; Comparison, 1961-1967, Aug 26 p 67

## Revenues and Expenses:

Estimates for 1968, July 1/8 p 16; Sept 23 p 11;  
Dec 23/30 p 43

First Quarter, July 22 p 31

Quarterly Figures for Individual Roads, Sept 23  
p 80

Richmond, Fredericksburg & Potomac: Crew-Consist  
Issue; ORC&B Signs; BRT Sues, Sept 9 p 11; Sept  
16 p 7; Sept 23 p 12; Sept 30 p 52

Right of Way: Early Acquisition for Urban Develop-  
ment Urged, Dec 9 p 23

Roadmaster & Maintenance of Way Assn. Annual  
Meeting, Sept 9 p 18; Nov 11 p 16

Roller Bearing Application on New Freight Cars Now  
Mandatory, July 1/8 p 34

Roller Bearing-Equipped Freight Cars, Number of,  
July 1/8 p 34

Rotterdam Metro a Success, Nov 4 p 24

## S

Safety Awards, Harriman, Sept 23 p 108  
Safety Bill, DOT, Hearings on, July 1/8 p 29; Sept 16  
p 40†

Safety Devices: Spark Gaps; Joslyn Electronic Sys-  
tems, Dec 16 p 33\*

Safety Film Produced for GN, Nov 11 p 8  
Safety Investigation; Illinois Commerce Comm., Sept  
23 p 7; Oct 7 p 12

Safety, What Management is Doing to Promote, Sept 16  
p 46†

St. Lawrence Seaway:

Season Extended to Dec 10, Aug 26 p 68  
Traffic Increases Over Last Year, Nov 11 p 36

St. Louis Car Div., GSI: Cars for PC NJ Commuter  
Service, Oct 7 p 20\*; Nov 11 p 36

St. Louis-San Francisco:

Lubricant in Locomotives Reduces Right-of-Way  
Fires, Aug 26 p 41\*

Preferred Stock Called, Sept 9 p 44

Television Used for Training Salesmen, Nov 25 p 46\*

St. Louis-Southeastern: Harriman Safety Award, Sept  
23 p 108

Salaries of Labor Union Leaders, Nov 11 p 12

Salemen of M-K T Get Together, Oct 14 p 7

Salemen Training; STL-SF Uses TV, Nov 25 p 46\*

San Francisco Bay Area Rapid Transit District:

Completion Near Half-Way Mark, July 15 p 36

Contracts Awarded by, July 1/8 p 7; Aug 12 p 33;

Sept 23 p 111; Nov 18 p 49

"Design Car" Exhibited in Southern California,  
Aug 19 p 36

Fare Collection Contract, July 1/8 p 7

Legislature Fails to Provide Funds, Sept 3 p 22;

Oct 7 p 36

Program for Winning Support for, Dec 2 p 34

Tax Rates for 1968-69 Set, Sept 9 p 44

Work Continues on, Dec 2 p 26

Sangamo Electric Co.:

Data Sets, Dec 9 p 29

Supervisory Controls, Aug 19 p 32

Santa Fe Industries, Inc.: Official Holding Company for  
AT&SF, Aug 5 p 40; Aug 26 p 68; Sept 16 p 7; Oct  
14 p 7; Dec 9 p 36

Saunders, Stuart, Lays It On the Line as to Whether  
RRs Can Continue as a Free-Enterprise Operation,  
July 15 p 40†

Saw-Drill, Rail; RMC, July 15 p 29\*

Scales (See Weighing)

Scholarships Established by NP, Nov 18 p 52

Scullin Steel Co.: Hi-Tensile Steel Castings, Sept 23  
p 85\*

Seaboard Coast Line:  
Advertising Guarantees Arrival, Aug 26 p 68  
Cars, "Flip-Top" Covered Hopper, Sept 23 p 45\*  
Finds Money in LCL Service, Dec 23/30 p 31\*  
Orders 1200 Box Cars, Nov 11 p 12  
Phosphate Terminal at Tampa, Sept 23 p 45\*  
Piedmont & Northern Merger with Recommended,  
Sept 23 p 11  
"Silver Meteors" Collision, Aug 12 p 36  
"Threads" Long Rail Strings, July 15 p 15\*  
To Expand Uceta Locomotive Shops, Dec 16 p 29  
TOFC Trains, Fast, Sept 9 p 12; Nov 11 p 7  
20-Year Old Reparations Case; Thomson Phosphate  
Co.-ACI, Oct 7 p 34  
Sea-Land Service, Inc.: Awarded President's "E"  
Certificate, Sept 23 p 114  
SEARCH Locomotive Test Systems; C&O/B&O, Sept 9  
p 7; PC, Nov 4 p 33  
Seatrail Lines, Inc. Orders Four Containerships, Aug  
26 p 68

Seattle Transit Developments, Aug 5 p 26  
Senate Commerce Committee: Changes Possible with  
Election, Nov 4 p 20

Servo Corp. of America:  
Dragging-Equipment Detector, Nov 11 p 29\*  
Hotbox Display System, Dec 9 p 29\*

Plug-in Relay, Dec 2 p 24\*

714th Railway Battalion Can Use Men, Nov 11 p 22

Shelters, Modular; NVF Co., Oct 21 p 41\*

Shippers:  
Can Shippers Pinpoint Their Car Needs?, Aug 26  
p 72†; Oct 28 p 39

Car Reporting Service (See Car Reporting Systems)  
Communication Gap Between RR's and, Nov 18 p 38  
Customer Service Vans Approved by, July 22 p 16\*  
RRs Urged to Cooperate in Exchanging Data Systems  
Information with, Oct 7 p 38

Traffic Polls, July 20 p 46; Aug 26 p 36; Oct 28 p 38;  
Nov 25 p 40; Dec 23/30 p 26

Views on:

Car Tracing, July 29 p 46  
Common Ownership; Joint Rates/Through Routes,  
Nov 25 p 40

Containerization, Oct 28 p 38  
Helpfulness of RR's in Site Selection, Aug 26 p 38

Use of RR Service in 1968, Dec 23/30 p 26

Shippers Regional Advisory Boards:

Can Shippers Pinpoint Their Car Needs?, Aug 26  
p 72†; Oct 28 p 38

Car Loading Estimates, Third Quarter, July 1/8  
p 7; July 20 p 61\*; Fourth Quarter, Oct 7 p 11;  
Oct 14 p 39\*

Shop, Rolling Wheel, Sept 9 p 41; Sept 30 p 48\*

Shopfront Unions New Wage Notices, Dec 2  
p 44; Dec 9 p 7

Short and Significant (See page 7 each issue)

Sign Kit; Demp-Nock, July 1/8 p 32\*

Signal Equipment:

Batteries; Primary; Carbone, Aug 5 p 33\*

Crossing Package; WABCO Sig. & Comm. Div., Dec  
9 p 29

Estimate of Capital Expenditures in 1969, Nov 18  
p 26

Plug-in Relay; Servo Corp. of America, Dec 2 p 24\*

Relay; C. P. Clare, Dec 16 p 33

Signal Protector; Joslyn Electronic Systems, Aug 12  
p 23\*

Track Circuit; Harmon Electronics, Dec 9 p 29\*

Signal Systems:

Cleveland Transit Airport Extension, Sept 2 p 28\*

Coding Techniques, Oct 14 p 32

Signs, Safety-Plate; W. H. Brady, Oct 7 p 41

Simulation of Terminal Controls Would be Profitable,  
Oct 14 p 36

Simulation Study of Carload Shipment Costs; IC, Oct 14  
p 36

Simulator Tool, Proposed Dynamic Testing Laboratory  
for Freight and Passenger Cars Could be a, Sept  
23 p 49

Simulators, Locomotive:

AT&SF to Acquire, Nov 4 p 20\*

SI to Acquire, July 15 p 11; Sept 16 p 11\*

Skokie Swift Gets Them Coming and Going, Oct 7 p 18\*

Skylights, Fiber-Glass; Molded Fiber Glass Body,  
July 1/8 p 32\*

Slifer Mfg. Co., Inc.: High-Pressure Cleaner, July 22  
p 34\*

Sloan Valve Co.: Release Valve, Oct 21 p 41

Snow Fighting on the BAR, Aug 12 p 15\*

Snow Thrower; Allis Chalmers, Sept 9 p 34

Snubber, Hydraulic; A. Stucki, Oct 21 p 41\*

Soo Line:

Capital Budget for 1969 Set, Aug 26 p 11, p 65

"Exciting Expansion" at St. Paul, Nov 4 p 36

Shows Gain in Net Income, Nov 18 p 52

South Jersey Transit Line to Open in February, Nov 4  
p 17

Southeastern Pennsylvania Transportation Authority:

"Operation Northwest" to Get More Silverliners,  
Dec 2 p 40

To Take Over Philadelphia Transportation Co., Oct 7  
p 36

Southern California Rapid Transit District:

Arguments Against Express Buses, Aug 5 p 25

BARTD "Design Car" Exhibited by, Aug 10 p 36

Tax Refund Defeated, Aug 5 p 25, p 40; Sept 2  
p 36; Nov 4 p 17, p 40†; Nov 11 p 7; Dec 2 p 26

Southern Pacific:

Cars, Container Flat, Aug 19 p 7

Cars, More Double-Deck, for Commuters, Aug 5  
p 19\*; Oct 14 p 11\*

"City of San Francisco" Operation Ordered for  
Another Year, July 29 p 11; Sept 23 p 65; Dec  
23/30 p 45\*

Locomotive Simulator, July 15 p 11; Sept 16 p 11\*

Locomotives, 5000-Hp., Nov 25 p 45\*

Proposes to Increase Authorized Shares, Dec 2 p 7

"San Joaquin Night", Ordered to Continue, Nov 4  
p 38

Solving the Radio Problem in Power Pools, Aug 12  
p 28

TOPS Computer System, Nov 25 p 32\*

Videotape System for Filing and Retrieving Waybills,  
July 22 p 13\*

Southern Pacific Marine Transport, Inc., Formed, Oct  
28 p 32

Southern Railway: Case for Bigger M/W Outlays, Nov  
11 p 15\*

Spain:

Madrid Transit System Growing, Nov 4 p 24

Talgo Train to Have Axles with Adjustable Wheels,  
Sept 16 p 12

Spark Arrestor; Harco Mfg., Sept 16 p 37\*

Speed Control, Locomotive; WABCO Sig. & Comm.  
Div., Nov 11 p 29

Speed of Trains: Requirements to Raise Speed from  
50 mph to 70 mph, Oct 7 p 11

Spike Driver; Aerosmith Hammers, Dec 2 p 24\*

Stainless Steel Cars; PC, Oct 7 p 20\*

Standard Brands, Inc.: Wood, Tank Car for Vinegar,  
Oct 28 p 11\*

Stanray Corp. Acquires Remco Hydraulics, Inc.,  
Sept 9 p 7

Stations: Passenger:

C&NW Community Asks Aid for Transport Center,  
Aug 19 p 7

Chicago Plans Consolidation Again, July 23 p 10

CR&I at Rock Island Refurbished, Oct 14 p 7

Walled-Off Subway Stations Studied, Sept 2 p 7

Statistics: Nobody Wants to Talk About, Oct 21 p 14\*;  
Dec 9 p 27†

Steel Products, RR, Shipments of, July 22 p 30;

Aug 26 p 66; Sept 23 p 112; Oct 21 p 39; Nov 18  
p 50

Stephens-Adamson Mfg. Co.: Passenger Ramp, Aug 5  
p 33\*

Stevens, C. W., Inc.: Level Indicators, July 29 p 55\*;  
Sept 30 p 53

Stockholm: Integrated Urban Development and City  
Transportation Planning, July 1/8 p 28

Strikes:

Belt Ry. of Chicago Struck by BRT in Crew Consist  
Dispute, Aug 5 p 12; Aug 12 p 13, p 40†; Aug 19  
p 13, p 36; Aug 26 p 12; Sept 9 p 44; Sept 30 p 11,  
p 52; Oct 7 p 11; Oct 14 p 11; Oct 21 p 7; Nov 4  
p 11; Nov 11 p 11; Nov 18 p 12; Nov 25 p 11, p 12;  
Dec 2 p 7, p 12; Dec 9 p 12; Dec 26 p 11, p 12; Emergency  
Board Report, Dec 23/30 p 34, p 54†

CTA Bus Drivers Strike Against Union Leadership,  
Aug 5 p 12; Sept 2 p 13; Nov 4 p 36

LEN Struck by BRT in Crew Consist Dispute,  
Nov 11 p 11; Nov 18 p 12; Nov 25 p 11, p 12;

Dec 2 p 7, p 12; Dec 9 p 12; Dec 26 p 11, p 12; Emergency  
Board Report, Dec 23/30 p 34, p 54†

REA Express Employees Strike Against Union Repre-  
sentation, Aug 5 p 12

What Can a Perplexed Shipper Do About Up-to-  
Date Information on, Oct 28 p 12

Wildcat, A Deathblow to, Oct 28 p 90†; Nov 25 p 45†;  
Dec 9 p 27†

Stromberg-Carlson Corp.: Dial System, Nov 4 p 22\*

Stucki Co., A.: Hydraulic Snubber, Oct 21 p 41\*

Students Get a View of What Railroading Is Like,  
July 22 p 32

Subsidies, British and Japanese Rya. Compared with

U. S., Nov 4 p 38

Subway Stations, Walled-Off, MTA Studies, Sept 3 p 7

Subways (See Mass Transit)

Sweden: Integrated Urban Development and City  
Transportation Planning in Stockholm, July 1/8  
p 29

Switching Yard Activities Monitored by Locomotive  
Power Interrogator; PC, July 23 p 25\*

Switchmen's Union of North America:

Agreement on Wage-Rules Dispute, Aug 5 p 12

Votes to Merge with BRT, BLFE, ORC&B, Aug 26  
p 8; Sept 16 p 7; Sept 30 p 49; Oct 7 p 12; Nov 4  
p 11; Nov 11 p 12; Dec 16 p 14; Dec 23/30 p 12

Sylvania Electric Prod., Inc.:

Floodlight Fixtures, July 22 p 34\*

Lamps, Tubular-Metal Halide, Sept 23 p 83\*

Licenses: WABCO to Build ACI Equipment, Aug 5  
p 11

Symington Wayne Engineering Conference, Sept 23  
p 48\*, p 51\*

## T

Tamper-Liner; Matiss Equip., Sept 9 p 34\*

Tamper: Plaster American, Oct 14 p 34\*

Tax Loss Shelters, Are Conglomerates Motivated by,

Oct 24 p 25

Tax Protest Hearings Set in Virginia, Dec 23/30 p 43

Taxes, RR, Second Quarter, 1967-68; Oct 21 p 39

Telephone Facilities Upgraded by NP, Dec 16 p 24

Tele-Rail Automated Information Network (TRAIN),  
Planning Ahead for, Sept 16 p 24B; Oct 7 p 38

Teletype Corp.: Page Printer, Sept 16 p 37

Television, Closed-Circuit:

CN Express Terminal at Toronto, Sept 30 p 23\*

Used by STL-SF for Training Salesmen, Nov 25 p 46\*

Tennessee Central: Three-Way Sale Proposed, Aug 26  
p 11

Terminal Control, Total; WABCO, Oct 14 p 29

Terminal Controls: Computer Simulation Would be

Profitable, Oct 14 p 36

Terminal Delays, Cornell Univ. Gets Grant to Study,  
Aug 19 p 36

Terminal Performance Control System; NP, Nov 25  
p 35\*; Dec 16 p 21

Terminals:

Express, at Toronto; CN, Sept 30 p 20\*

Multi-Modal, at Oakland, Aug 12 p 36

Multi-Product Bulk, at Savannah, Dec 23/

Tie Injector; Kershaw, Dec 9 p 17\*

Ties:

- AAR-RTA Research on, July 15 p 18\*
- CB&Q Renewals Per Day Doubled, Dec 9 p 17\*
- Concrete: L&N Test Installation, Dec 9 p 16\*
- Developments in Research and Technology, Dec 9 p 14\*
- Erie Lackawanna Renewal Program, Sept 9 p 19\*
- L&N Test Installations, Dec 9 p 15\*
- Monthly Inventories, Production, and Unfilled Orders, 1963-68, Aug 26 p 67\*
- Preservation, Technology of, Dec 9 p 16\*
- Three-Piece, Tested, Dec 9 p 15\*

Timken Roller Bearing Co.: "AP" Roller Bearing, Sept 23 p 84\*

Ton-Mile Costs, How L&N Cuts, Oct 21 p 16\*

Ton-Miles:

- Estimates for 1968, Dec 23/30 p 43
- Estimate, Long-Range, Sept 2 p 16 (1975)
- InterCity, Distribution Among Carriers, 1966 and 1968, Dec 2 p 39\*
- InterCity: RRs Share in 1967, Sept 2 p 16; Rail and Truck, 1958-66, Oct 21 p 14; Dec 8 p 27\*
- Number Generated by Car Loadings, July 8 p 41; July 15 p 33; July 22 p 29; July 29 p 59; Aug 5 p 37; Aug 12 p 33; Aug 19 p 33; Aug 26 p 65; Sept 2 p 33; Sept 16 p 41; Sept 23 p 111; Sept 30 p 59; Oct 7 p 45; Oct 14 p 37; Oct 21 p 37; Oct 28 p 47; Nov 4 p 29; Dec 8 p 83; Nov 4 p 33; Nov 11 p 33; Nov 18 p 49; Nov 25 p 69; Dec 9 p 33; Dec 16 p 29; Dec 23/30 p 47\*
- Weekly: 1967-68, July 1 p 42\*; July 15 p 42\*; July 22 p 30\*; July 29 p 60\*; Aug 5 p 39\*; Aug 12 p 34\*; Aug 19 p 34\*; Aug 26 p 66\*; Sept 2 p 34\*; Sept 9 p 42\*; Sept 16 p 43\*; Sept 23 p 112\*
- Sept 30 p 60\*; Oct 7 p 46\*; Oct 14 p 38\*; Oct 21 p 39\*; Oct 28 p 44\*; Nov 4 p 34\*; Nov 11 p 34\*; Nov 18 p 50\*; Nov 25 p 70\*; Dec 2 p 38\*; Dec 8 p 34\*; Dec 16 p 30\*; Dec 23/30 p 48\*

Tool Storage Trailer; Morrison Steel Prod., Oct 21 p 41\*

Total Operations Processing System (TOPS); SP, Nov 25 p 32\*

Towveyor System; CN Express Terminal, Sept 30 p 20\*

Track:

- Cleveland Transit Airport Extension, Sept 2 p 28\*
- Conditions Rapped by M. E. Rogers, Sept 16 p 12
- EL Maintenance Hits Full Stride, Sept 9 p 17\*
- Miles of, 1961-67, July 15 p 34
- M-K-T Rehabilitation Program, Sept 9 p 21\*
- MP Lowers Track in St. Louis Yard, Nov 11 p 21\*
- Southern Ry. Case for Bigger M/W Outlays, Nov 11 p 15\*
- Test Track Planned by AT&SF and FRA, Sept 9 p 11
- Tomorrow's Freight Cars, Yesterday's Track?, Sept 9 p 48\*
- Track Gauge Indicator; American Railroad Curving, Sept 9 p 34\*
- Track-Laying Begun on CTA Median-Strip Extensions, Aug 12 p 22
- Track Machines Pay Big Dividends, Oct 14 p 20\*
- Traction Drive; Westinghouse Elec., Nov 4 p 22\*
- Tractor, Transport; FWD Corp., Oct 14 p 34
- Trade Simplification Act Would Provide for Joint Modal Rates in International Transport, Oct 21 p 33; Oct 28 p 87
- Traffic Manager's Part in Site Selection, Aug 26 p 36
- Traffic Polls, July 29 p 46; Aug 26 p 36; Oct 28 p 38; Nov 25 p 40; Dec 23/30 p 26
- Trailer Hitch; ACF Industries, Sept 23 p 84\*
- Trailer Lock; Eastern Co., Aug 26 p 62\*
- Trailer-on-Flat-Car Service: (See also Container Service; Names of Companies)
- Bill to Allow Freight Forwarders to Use Plan I, Sept 23 p 66
- Car Loadings:

  - Estimate for 1968, July 1/8 p 16
  - New High for Oct 14 p 11
  - Weekly: July 1/8 p 41; July 15 p 33; July 22 p 29; Aug 5 p 37; Aug 12 p 33; Aug 19 p 33; Aug 26 p 65; Sept 2 p 33; Sept 9 p 41; Sept 16 p 41; Sept 23 p 111; Sept 30 p 59; Oct 7 p 45; Oct 14 p 37; Oct 21 p 37; Oct 28 p 43; Nov 4 p 33; Nov 11 p 33; Nov 18 p 49; Nov 25 p 69; Dec 2 p 37; Dec 9 p 33; Dec 16 p 29; Dec 23/30 p 47\*

- Fast Trains; NY-Southeast, Sept 9 p 12; Nov 11 p 7\*
- "Super C" Proves Long Haul Can Pay, Oct 28 p 35\*
- Trailers and Containers Handled in 1968, Dec 23/30 p 43
- Tunnel Lining Piggybacked by CB&Q, Oct 28 p 7
- Why Walker Companies Switched to, Dec 23/30 p 24\*
- Trailer Train Co.:

  - Cars in Service and On Order, Dec 23/30 p 47
  - TOFC/COFC Car Exhibited, Nov 11 p 11\*
  - "Trailer Trains" Bill to Liberalize Motor Vehicle Size and Weight Limitations Could Clear Way for, July 22 p 23; Aug 19 p 16; Sept 9 p 46

- Trailers:

  - Number Moved in TOFC in 1968, Dec 23/30 p 43
  - Piggyback; Fruehauf, Aug 26 p 62\*
  - RR Fleet in 1966 and 1977, July 15 p 10; Oct 28 p 36
  - Survey Shows Rigs Getting Bigger, Dec 16 p 7
  - Tool Storage; Morrison Steel Prod., Oct 21 p 41\*
  - TRAIN, Planning Ahead for, Sept 18 p 24B; Oct 7 p 38
  - Train Discontinuances:

    - CB&Q Seeks to Discontinue Two Trains, Aug 12 p 7
    - CMSP&P Seeks to Discontinue Two Trains, Nov 25 p 7
    - Legislation to Tighten Present Law, July 15 p 7; Aug 5 p 11\*
    - PC to Drop Three Worcester-Boston Trains, Dec 23/30 p 50
    - SP Ordered to Continue "City of San Francisco" for Another Year, July 29 p 11; Sept 23 p 65; Dec 23/30 p 45\*
    - WP "California Zephyr" Case, July 29 p 11; Aug 12 p 12; Sept 23 p 65; Sept 30 p 12; Oct 7 p 8; Can Advertising Save?, Nov 11 p 40\*

  - Train Dispatching, Centralized: What It Can Do for You, Sept 23 p 56\*
  - Train Handling, Better, Technology for, Oct 21 p 20\*
  - Correction Nov 18 p 52\*
  - Train-Line Connector System, Automatic; National Castings, Oct 14 p 11
  - Train Load in Tons, Average, 1952-67, July 1/8 p 43\*
  - Training of Employees:

    - Locomotive Simulators; SP, July 15 p 11; Sept 16 p 11\*; AT&SF, Nov 4 p 20\*
    - MP Handbook for New Employees, July 15 p 11
    - Model of New Express Terminal Used by CN to Train Employees, Sept 30 p 20\*
    - SL-SF Uses TV in Sales Courses, Nov 25 p 46\*

  - Trains: (See also Unit Trains)

    - AT&SF "Super C", Report on, Oct 28 p 35\*
    - British Ry. Aim for 150-mph Turbine Trains, Dec 23/30 p 11
    - "Califronia Zephyr" to Run for Another Year, July 29 p 11; Aug 12 p 12; Sept 23 p 65; Sept 30 p 12; Oct 7 p 8; Can Advertising Save?, Nov 11 p 40\*
    - CN "Tempo", Aug 5 p 20\*
    - CN Turbos Tested, Nov 18 p 7; Dec 16 p 8\*
    - High-Speed: Northeast Corridor Project (See Northeast Corridor Project)
    - Lancaster & Chester Buses Permacel Div. Train, Dec 2 p 40
    - TOFC Fast Trains; NY-Southeast, Sept 9 p 12; Nov 11 p 7
    - Transcontinental Railway Research Co.: Discharge Outlet, Sept 23 p 82\*
    - Transfer Table Expedites Auto Loading on Cars; Whiting, Sept 23 p 83\*
    - Transit Bond Issue Referees: Moment of Truth at the Polls, Nov 4 p 40†
    - Transit Overseas, Nov 4 p 24
    - Transit Roundup, Aug 5 p 22\*; Sept 2 p 22\*; Oct 7 p 36; Nov 4 p 17; Dec 2 p 26
    - Transportation Association of America:

      - Government Expenditures for Transport Facilities, 1955, 1960, 1966, Aug 5 p 44†
      - Labor-Management Relations Study, Aug 26 p 12
      - Sleey Award, Candidates Sought for, July 29 p 62

    - Transportation Bond Issues:

      - Approved in New Jersey, Oct 7 p 20; Oct 21 p 40; Nov 4 p 17, p 40†; Nov 11 p 7; Dec 2 p 8\*
      - Approved in Washington, D. C., Nov 4 p 17, p 40†; Nov 11 p 7
      - Defeated in Atlanta, Nov 4 p 17, p 40†; Nov 11 p 7; Dec 2 p 26
      - Defeated in Los Angeles, Aug 5 p 25, p 40; Sept 2 p 36; Nov 4 p 17, p 40†; Nov 11 p 7; Dec 2 p 26

    - Transportation Center for Jersey City, Aug 5 p 23; Oct 28 p 83
    - Transportation-Communication Employees Union:

      - Agreement on Wage-Rules Dispute, July 22 p 10
      - Lowry, A. R., Elected President, July 29 p 11
      - Merger with BRAC, Status of, July 1/8 p 12; July 29 p 11; Sept 23 p 12; Dec 2 p 14

    - Transportation Data Coordinating Committee Organized, Oct 7 p 38
    - Transportation Displays, Inc., Acquired by IT&T, Oct 7 p 7
    - Transportation Industry Share of Gross National Product in 1978 Predicted, Nov 4 p 8
    - Transportation Industry Urged to Improve International Service, Oct 21 p 7
    - Transportation Legislation and Reports Since 1940, Resume of, Oct 14 p 19
    - Transportation Legislation to Come Before the New Congress, Nov 11 p 25
    - Transportation Planks of Democrats and Republicans, Sept 9 p 8
    - Transportation Policy:

      - Change of Opportunities for RRs Needed, Sept 9 p 36
      - Government's Moral Obligation to be Honest About, Aug 5 p 44†
      - Through the Back Door to Nationalization?, Nov 25 p 76†

    - Trap, Steam; Vapor, Sept 23 p 83\*
    - Truck, Freight Car; Sculkin Steel, Sept 23 p 85\*
    - Tunnel Lining Piggybacked by CB&Q, Oct 28 p 7

U

Unarco Ind.: Mechanical Dockboard, Nov 25 p 62\*

Union of Soviet Socialist Republics:

    - Moscow Adds New Transit Lines, Nov 4 p 24
    - Railway Age Group Tours Moscow and Leningrad Subways, July 1/8 p 24
    - To Test Jet-Propelled Rail Car, July 15 p 7

Union Pacific:

    - Bailey Yard at North Platte, Oct 28 p 44\*
    - CR&P Merger Case, Sept 16 p 11
    - Equipment Program for 1969, Nov 11 p 11, p 33
    - Harriman Safety Award, Sept 23 p 103
    - Locomotives, Centennial 6600-Hp, Nov 11 p 11
    - NISSE Report on Train-School Bus Collision, Nov 25 p 73
    - Stocking Material Via the Computer, Sept 16 p 22
    - Subsidies to Build Pipeline, Aug 26 p 7
    - To Join Housing Venture, Aug 12 p 12
    - Unit Coal Train; Kaiser Steel Mills at Fontana, Cal., Dec 16 p 14
    - Union Tank Car Co.:

      - Merger With Littton Industries Off, July 15 p 7
      - Reports "Greatest Growth Period", Sept 23 p 7
      - To Acquire Credit Information Clearing House and Land-Development Business, Sept 23 p 65; Mec-O-Matic, Inc., Nov 4 p 36

Unit Trains: (Continued)

      - PC to Expand Operations, Oct 28 p 86
      - Train of the Future, Sept 30 p 24, p 29
      - Waynesburg Southern in Operation, July 22 p 7; July 29 p 11\*
      - United Aircraft Corp.:

        - CN Tests Turbos, Nov 18 p 7; Dec 16 p 8\*
        - TurboTrains Accepted by DOT, Nov 4 p 16\*; Nov 18 p 7; Dec 23/30 p 11

      - United States Department of Commerce: BSDA Reorganized, Sept 2 p 36
      - United States Department of Housing and Urban Development:

        - Mass Transit Grants, Aug 5 p 23
        - Report on Tomorrow's Transportation, July 1/8 p 22 To Coordinate Urban Transportation Activities with DOT, Oct 7 p 7

      - United States Department of Transportation:

        - Boyd Legacy, Dec 23/30 p 30
        - Contracts Let for Study of TACV, July 29 p 12
        - Federal Railroad Administration:

          - Bureau of Railroad Safety:

            - Accident Statistics for 1967, Dec 9 p 24
            - Reorganization of, July 1/8 p 15
            - Seeks to Shed Old Image, Dec 9 p 8
            - Coupler, Fully-Automatic, to be Explored with AAR, Aug 26 p 48; Sept 2 p 32

          - Office of High-Speed Ground Transportation:

            - Northeast Corridor Project (See Northeast Corridor Project)
            - Test Track Planned with AT&SF, Sept 11 p 11
            - TurboTrain May Run in IC Mini-Corridor, Dec 23/30 p 11
            - Opposes Tighter Train-Off Law, July 15 p 7
            - Peculiar Mr. Lang, The, Sept 9 p 35
            - Railroad Critic or Advocate?, July 1/8 p 48†
            - Grants Made by, Sept 16 p 44; Oct 28 p 86; Nov 4 p 7, p 17

          - High-Speed Ground Transportation Program, Extension of, 15 p 25; July 22 p 11; July 28 p 12
          - R's Guessing Time at, Nov 18 p 43
          - National Transportation Safety Board: Report on Train-School Bus Collision on UP, Nov 25 p 73
          - Office of Facilitation Will Work for Joint Modal Rates in International Transport, Oct 21 p 33; Oct 28 p 87
          - Safety Bill, July 1/8 p 29; Sept 18 p 46†
          - Stand by Mass Transit, July 1/8 p 22
          - To Coordinate Urban Transportation Activities with HUD, Oct 7 p 7
          - Urban Mass Transportation Administration:

            - P. L. Sifton Named Administrator, Aug 12 p 7; Sept 2 p 37\*
            - Urban Transportation Coordination Group Formed, Oct 21 p 7; Nov 4 p 17
            - Volpe, John A., Named Secretary, Dec 16 p 404†; Dec 23/30 p 7

          - United States Freight Co. Posts Record Income, Sept 2 p 7
          - United States Steel Corp.:

            - Car Needs for '70s Forecast, July 29 p 42B\*
            - Coating System, Dec 23/30 p 44
            - United States Supreme Court:

              - Official-Southern Divisions Case Returned to ICC, Nov 18 p 11
              - Upholds Arkansas Full Crew Laws, Nov 25 p 12
              - United Transportation Union, Four Operating Unions Merge Into, Aug 26 p 8; Sept 16 p 7; Sept 30 p 49; Oct 7 p 12; Nov 4 p 11; Nov 11 p 12; Dec 16 p 14; Dec 23/30 p 12

            - Universal Data Acquisition Co.: Data Recorder, Dec 2 p 24\*
            - Unloaders, Hopper Car; Andec, Sept 30 p 53\*
            - Upholstery Repair Kit; Vinyl Care, Aug 5 p 33

V

Valspar Corp.: Rust-Resistant Paint, July 22 p 34

Valve, Release; Sloan Valve, Oct 21 p 41

Vandalism, Auto-Rack Cars Screened to Prevent, Oct 28 p 12

Vapor Corp.:

            - Door Operator, Aug 5 p 33
            - Engine Alarm System, Oct 7 p 41\*
            - Inverter, Oct 7 p 41\*
            - Steam Trap, Sept 23 p 83\*

Variable Factor (VeFAC) Programming; Work Measurement and Control System, Nov 18 p 30\*

Videotape System for Filing and Retrieving Waybills, SP, July 22 p 13\*

Vienna Subway, Railway Age Group Tours, July 1/8 p 24

Vinyl Care Corp.: Upholstery Repair Kit, Aug 5 p 33

Virginia, Tax Protest Hearings Set in, Dec 23/30 p 43

W

Walker Companies: Why Firm Switched to TOFC, Dec 23/30 p 24\*

Warehouses, Distribution, Boost NYNH&H Traffic, Sept 30 p 17\*

Washington, D. C.-Boston Transport Corridor (See Northeast Corridor Project)

Washington, D. C. Union Station to Become Visitor Center, Sept 30 p 7

Washington is Where the Action Is, Dec 2 p 29

Washington Metropolitan Area Transit Authority: Bond Issues Approved, Nov 4 p 17, p 40†; Nov 11 p 7

Car Manufacturers, Sept 2 p 23

Contract Let by, Aug 26 p 23

Start of Construction Delayed, Aug 5 p 40

To "Buy American", Aug 5 p 23

Waste, Industrial; C&NW Freight, Nov 18 p 52

Watching Washington, July 1/8 p 20; July 15 p 25; July 22 p 23; July 29 p 46; Aug 26 p 48; Sept 2 p 16; Sept 9 p 46; Sept 16 p 28; Sept 23 p 66; Sept 30 p 47; Oct 7 p 34; Oct 14 p 19; Oct 21 p 20; Oct 28 p 48; Nov 4 p 20; Nov 11 p 26; Nov 18 p 43;

Watching Washington: (Continued)  
 Nov 25 p 50; Dec 2 p 29; Dec 9 p 23; Dec 16 p 28;  
 Dec 23/30 p 43  
**Water Carrier Statistics**; First Quarter, 1967-68,  
 July 29 p 60\*; Second Quarter, Nov 11 p 35\*  
**Water Pollution at Proviso Yards**, C&NWights,  
 Nov 18 p 52  
**Waterloo RR Acquired by IC**, Aug 5 p 7  
**Waterways**: Europe Barging Toward Trouble?,  
 July 22 p 21\*  
**Waybills**, Videotape System for Filing and Retrieving,  
 SP, July 22 p 13\*  
**Waynestburg Southern In Operation**, July 22 p 7;  
 July 26 p 11\*  
**Weighting-in-Motion System**; Georgetown RR, Nov 18  
 p 49  
**Welded Rail (See Rail: Welded)**  
**Western Industries, Inc.**: Acquired by Federal Sign and  
 Signal Corp., July 15 p 7; Aug 19 p 36; Aug 26  
 p 89\*  
**Western Mfg. Co.**: Refuse Grinder, Nov 18 p 46\*  
**Western Pacific**: "California Zephyr" Operation  
 Ordered for Another Year, July 29 p 11; Aug 12  
 p 12; Sept 23 p 65; Program to Increase Traffic,  
 Sept 30 p 12; Oct 7 p 8; Can Advertising Save?,  
 Nov 11 p 40\*†

**Western Railroad Supply Co.**: Intercom, Nov 4 p 22\*  
**Westinghouse Air Brake Co.**:  
 Licensed by Sylvano to Build ACI Equipment, Aug 5  
 p 11  
**Remote Multiple Unit Control System**, Oct 21 p 17\*  
**Signal & Communications Div.**:  
 CCR Refresher, Nov 11 p 29\*; Dec 16 p 33  
 Grade Crossing Control Package, Dec 9 p 29\*  
 Locomotive Speed Control, Nov 11 p 29  
 RR Radio, Aug 19 p 32\*  
**Total Terminal Control System**, Oct 14 p 29  
**Westinghouse Electric Corp.**:  
 Traction Drive, Nov 4 p 22\*  
 Train Prints Increased, Aug 5 p 40  
**Wheel Checkers**: Brake Detector, Dec 16 p 33\*  
 Wheel Shop: Reading, Sept 9 p 41; Sept 30 p 48\*  
**White Pass & Yukon Expansion Program**, Oct 28  
 p 83; Dec 23/30 p 49  
**Whiting Corp.**: Transfer Table Expedites Auto Loading  
 on Cars, Sept 23 p 53\*  
**Wide-Lite Corp.**: Recessing Frame, Oct 7 p 41\*;  
 Floodlights, Nov 4 p 22\* and Nov 18 p 46\*  
**Wiegand, Edwin L., Co.**: Portable Heater, Nov 18  
 p 46\*  
**Wofac Co.**: Work Measurement and Control System,  
 Nov 18 p 30\*

**Work Measurement and Control System**; VeFAC Pro-  
 gramming, Nov 18 p 30\*  
**Working Rules and Agreements**: Progress Calls for  
 Change, Oct 14 p 8

## Y

**Yard Ramp**; Copperloy, Oct 28 p 81\*  
**Yards**:  
 CRI&P Yard Named for G. W. Kelly, Oct 7 p 48  
 DT&I Flat Rock, Rebuilt, Sept 16 p 28\*  
 MP Lowers Track to St. Louis Yard, Nov 11 p 21\*  
 PC at Columbus, July 1/8 p 12\*  
 PC Decatur, Permanent Track, Sept 30 p 25\*  
 UP Buell's Yard at North Platte, Oct 28 p 44\*  
**You Ought to Know**, July 1/8 p 44\*; July 15 p 36;  
 July 22 p 32\*; July 26 p 62; Aug 5 p 40; Aug 12  
 p 36; Aug 19 p 36; Aug 26 p 69; Sept 2 p 36;  
 Sept 9 p 44; Sept 16 p 44; Sept 23 p 114; Sept 30  
 p 62; Oct 7 p 48; Oct 14 p 40; Oct 21 p 40; Oct 28  
 p 86; Nov 4 p 36; Nov 11 p 36; Nov 18 p 52; Nov 25  
 p 72; Dec 2 p 40; Dec 9 p 36; Dec 16 p 32;  
 Dec 23/30 p 50  
**Youngstown Steel Door Co.**: RR Orders Increase,  
 Nov 25 p 72

## RAILWAY BOOKSHELF

**American Locomotives**, July 1/8 p 37  
**American Railroad Politics, 1914-1920 - Rates, Wages and Efficiency**, Nov 11 p 28  
**Canadian Pacific**, July 1/8 p 37  
**Competition and Railroad Price Discrimination: Legal Precedent and Economic Policy**, Sept 2 p 31

**Distance and Development - Transport and Communications in India**, Sept 2 p 31  
**Engine-Drivers' Friend**, The, Nov 11 p 28  
**Management of Traffic and Physical Distribution**, Nov 11 p 28  
**Propulsion Without Wheels**, July 1/8 p 37

**Second International Symposium on the Use of Cybernetics on the Railways**, Sept 2 p 31  
**Statistics of Urban Public Transport**, Aug 5 p 41  
**Travelers' Official Railway Guide (Centennial Issue)**, Aug 5 p 41

## PEOPLE IN THE NEWS

[\* indicates photograph]

## A

Abbey, F. M., July 15 p 37  
 Abbey, Sterling P., July 1/8 p 36  
 Abernethy, Byron R., Nov 18 p 32  
 Adams, Clyde E., Sept 16 p 39  
 Adams, E. M., Sept 23 p 80  
 Adams, Milford M., Nov 11 p 32; Nov 18 p 47\*  
 Adams, R. F., Oct 21 p 42  
 Adams, Ray H., July 15 p 36; Aug 19 p 37, p 38\*  
 Adank, John L., July 1/8 p 36\*  
 Ahlstrom, J. R., Dec 9 p 38  
 Alexander, D. W., Aug 26 p 50  
 Alexander, H., Aug 5 p 36  
 Almanestiano, Constantin, July 15 p 32\*  
 Allen, James E., Sept 2 p 37  
 Allen, Louis A., Nov 25 p 56  
 Allen, Marion J., July 15 p 32; Aug 5 p 42  
 Allyn, Henry G., Jr., July 1/8 p 40  
 Alsop, J. W., Aug 26 p 50  
 Alstadt, Donald M., Sept 30 p 63  
 Altizer, Herman J., Jr., Aug 5 p 36  
 Amour, Samuel W., Nov 11 p 37  
 Amundson, L. R., Sept 12 p 36  
 Anderson, Earl C., Aug 12 p 37  
 Anderson, Gaylord, Nov 4 p 28\*  
 Anderson, J. C., Aug 12 p 37  
 Anderson, K. L., Sept 16 p 39  
 Anderson, Orrin R., Sept 16 p 36  
 Anderson, R. E., Sept 15 p 37  
 Andrasik, Joseph C., Sept 30 p 64  
 Anglen, Maurice P., Oct 28 p 73  
 Angst, John E., Dec 9 p 38  
 Antenbruch, John, Aug 26 p 54  
 Anapach, W. C., Nov 4 p 28  
 Anthony, Robert F., July 15 p 32\*  
 Antoine, W. C., Sept 2 p 36; Nov 4 p 23  
 Arendz, Andrew A., Jr., July 22 p 33  
 Arnold, Richard W., Sept 30 p 64  
 Ascher, John P., Aug 26 p 50  
 Ashby, C. W., Jr., Sept 28 p 63  
 Asher, Joe, Aug 5 p 23\*  
 Astler, Charles E., July 15 p 38  
 Austin, R. K., Nov 25 p 56  
 Autrey, William S., Sept 2 p 38

Balcerzak, Marion J., Nov 18 p 48  
 Balding, R. W., Sept 30 p 56  
 Baldwin, Jackie R., Aug 5 p 32  
 Balharry, William B., July 15 p 38  
 Ball, Don, Jr., Dec 9 p 32\*  
 Balsler, G. C., Sept 30 p 50  
 Bane, J. C., Sept 9 p 39  
 Bannon, John F., July 15 p 38  
 Barchard, P. W., July 1/8 p 38  
 Barnes, Carroll E., Sept 30 p 40\*  
 Baron, C., Sept 9 p 38  
 Barr, Albert S., Aug 26 p 59  
 Barr, R. L., Nov 9 p 38  
 Barrick, Kenneth A., July 15 p 38  
 Barriger, John W., Sept 9 p 22\*  
 Barriger, John W., Jr., Aug 5 p 42\*  
 Bartock, J. W., Nov 25 p 55  
 Basile, C. M., Aug 5 p 42  
 Bateson, Robert R., Sept 16 p 38\*  
 Battaglia, L. F., July 1/8 p 40  
 Battle, C. H., Aug 26 p 64  
 Bauer, Henry G., Jr., Sept 16 p 38  
 Bauer, Walter A., Sept 2 p 38  
 Baugh, Woodward B., Aug 26 p 59  
 Bayer, Peter C., July 1/8 p 36\*  
 Beans, Robert C., Aug 26 p 59  
 Beard, R. E., Oct 7 p 37  
 Beardsley, Gerald E., Nov 25 p 58  
 Beaulieu, R. N., Sept 30 p 56  
 Beavers, Robert L., Jr., Oct 28 p 73  
 Becker, Gerald E., Sept 16 p 38  
 Bedbrook, J. W., Nov 4 p 28\*  
 Begien, R. N., Jr., July 1/8 p 38  
 Begley, J. M., Aug 26 p 54  
 Beisel, H. R., Sept 23 p 80  
 Bell, I. W., July 29 p 63  
 Bell, Ralph E., July 15 p 32\*  
 Belvin, J. P., Nov 4 p 23  
 Benda, William R., Sept 16 p 38  
 Bender, A. H., Sept 9 p 39  
 Bengston, L. A., Aug 5 p 32  
 Benham, Isabel H., July 22 p 33\*  
 Benjamin, Robert E., Dec 2 p 41  
 Bennett, William C., Jr., Oct 14 p 42  
 Bergen, John W., July 22 p 33\*  
 Bierge, R. S., July 22 p 28  
 Bergmann, Charles L., July 22 p 33\*  
 Berman, John E., July 22 p 27  
 Bernhard, Arthur K., Aug 26 p 64  
 Bevan, John L., Sept 30 p 63  
 Biagiotti, Benjamin F., Aug 5 p 7  
 Bieserfeld, Herman J., Sept 23 p 80  
 Billingsley, J. E., Oct 28 p 71  
 Billington, John A., Oct 14 p 41  
 Birge, Charles A., Jr., Oct 28 p 72  
 Biro, C. F., Nov 25 p 58  
 Biran, G. M., Nov 11 p 38  
 Bishop, Billy R., Oct 28 p 72\*  
 Bishop, J. F., July 1/8 p 38  
 Bishop, J. R., July 15 p 37  
 Black, John A., Oct 14 p 41  
 Blackman, Lawrence G., Aug 12 p 38  
 Blades, William G., Oct 28 p 72, p 73  
 Blaikie, R. N., Nov 25 p 55

Blaine, William R., Dec 2 p 41  
 Blakeney, T., July 15 p 38  
 Blanco, Anthony, Oct 7 p 50  
 Blasingame, Jack W., Aug 12 p 38  
 Blatt, George B., July 22 p 28  
 Blickle, T. T., Nov 11 p 37  
 Blitz, Henry, Sept 23 p 80  
 Boardman, George J., July 29 p 64\*  
 Bobo, D. A., July 29 p 11  
 Bodell, Joseph T., July 15 p 38  
 Boettner, J. J., July 15 p 37  
 Boerner, William J., Sept 16 p 38  
 Boggs, E. L., Oct 28 p 70  
 Bohling, Ron P., Sept 30 p 56  
 Boland, Francis H., July 15 p 32  
 Bolger, L. C., July 15 p 37  
 Bolling, J. D., Aug 26 p 54  
 Bonelli, J. A., July 1/8 p 40; July 15 p 36  
 Bonner, G. T., July 1/8 p 38  
 Bornmann, Frank A., Nov 4 p 28  
 Bosler, J. W., July 1/8 p 38  
 Bossler, L. James, Oct 14 p 42  
 Bostian, William A., Aug 5 p 32  
 Bostrom, D. B., July 22 p 27  
 Bottinelli, L. S., Aug 5 p 36  
 Bouchard, Richard J., Oct 7 p 50\*  
 Bower, H. F., Oct 14 p 41  
 Bowers, F. H., Aug 26 p 50  
 Bowes, M. G., Oct 28 p 73  
 Bowman, E. R., Aug 5 p 32  
 Boyd, Alan S., Sept 30 p 62; Oct 28 p 87  
 Boyd, William S., July 22 p 28  
 Bradley, Harvey H., Aug 26 p 64  
 Bradshaw, C. T., Aug 19 p 29; Oct 28 p 70  
 Bradshaw, E. S., Sept 16 p 38  
 Brainard, William F., July 15 p 32  
 Brandom, John J., Aug 26 p 59  
 Brandt, T. L., Aug 26 p 50  
 Brandom, Robert L., Aug 12 p 37  
 Brattigam, E. A., Aug 26 p 50  
 Bray, H. W., Aug 19 p 29  
 Bredeson, Eugene C., Dec 9 p 38  
 Bredimus, Frank L., Nov 11 p 38\*  
 Breetz, H. G., Sept 23 p 80  
 Bregar, Frank, Oct 28 p 74  
 Brennalt, Paul, Aug 12 p 38  
 Brennan, H. E., July 1/8 p 40  
 Breon, Bruce O., July 15 p 32\*  
 Bressler, G. F., July 22 p 27  
 Bretschneider, Thomas H., Oct 28 p 74  
 Brevoort, Harry F., Sept 16 p 39; Oct 28 p 73\*  
 Brewer, George W., Aug 19 p 37  
 Brideson, D. K., Oct 14 p 42  
 Brieschke, Martin A., Sept 9 p 38\*, p 39  
 Briggs, Marilyn L., Nov 18 p 47  
 Brobst, E. H., July 22 p 27  
 Brossard, R. G., Sept 16 p 39  
 Brown, Allen W., Oct 28 p 74  
 Brown, Arthur M., July 15 p 37  
 Brown, Dale W., Nov 25 p 56  
 Brown, Floyd R., July 1/8 p 36  
 Brown, Gerald W., Oct 21 p 42  
 Brown, J. A., Sept 28 p 74

Brown, J. H., July 29 p 63\*  
 Brown, James A., July 22 p 28  
 Brown, John A., Jr., Sept 9 p 38  
 Brown, L. H., Aug 12 p 37  
 Brown, Phillip S., Nov 11 p 35  
 Brown, T. D., Dec 9 p 37  
 Brown, Virginia M., Dec 23/30 p 7  
 Broberman, Kenneth E., Oct 7 p 37  
 Bruce, Gerald E., Oct 26 p 72  
 Bruening, Richard P., Nov 25 p 55  
 Brugioni, J. W., Jr., Aug 26 p 54  
 Brummitt, Donald E., Aug 26 p 54  
 Bruss, William A., Aug 12 p 36  
 Buck, John H., Aug 12 p 38  
 Budorick, R. E., Aug 5 p 11  
 Bueschel, Clifford J., Oct 28 p 71  
 Buffalo, John B., Aug 19 p 37, p 38\*  
 Bundy, B. C., Sept 9 p 39  
 Burg, C. Warren, Sept 16 p 36  
 Burgess, Charles S., Nov 11 p 32  
 Burke, J. T., Dec 2 p 42\*  
 Burke, Richard P., July 22 p 28  
 Burke, Wallace R., July 29 p 7; Sept 2 p 38  
 Burkhardt, E. A., Aug 26 p 50  
 Burks, Carroll P., Sept 30 p 63\*  
 Burns, J. R., Oct 26 p 70  
 Burns, Maurice P., Sept 16 p 36\*  
 Burr, C. R., Aug 5 p 36  
 Burr, Kenneth M., July 22 p 27  
 Burroughs, William E., July 22 p 28  
 Burton, William E., Sept 9 p 39  
 Buskirk, William R., Oct 28 p 74  
 Butler, G. P., Aug 5 p 36  
 Butler, J. M., Aug 26 p 50  
 Button, J. T., Sept 9 p 39  
 Bybee, William C., Sept 16 p 38  
 Byerly, Luther F., Aug 12 p 38  
 Byerly, R. H., Nov 25 p 55

## C

Cagney, Dale E., Nov 18 p 48  
 Cahill, Harold E., Nov 25 p 58  
 Cain, George L., Sept 16 p 38  
 Caldwell, J. W., Aug 26 p 54  
 Calladine, William H., Nov 11 p 32  
 Cameron, Charles A., July 22 p 27  
 Campbell, A. N., Nov 4 p 28  
 Campbell, J. H., Sept 9 p 38  
 Campbell, P. M., Oct 14 p 42  
 Campbell, Paul W., Sept 30 p 63  
 Campion, William P., Oct 26 p 71  
 Canzoniero, R. E., Nov 4 p 26  
 Capper, R. W., Oct 28 p 70  
 Carder, W. Jr., July 1/8 p 38  
 Carey, E. J., Nov 25 p 56  
 Carlin, John, Oct 28 p 71  
 Carlson, Deane, Oct 21 p 42  
 Carmichael, L. L., July 22 p 63  
 Carmichael, Virgil T., Jr., Sept 30 p 64  
 Carone, Michael A., Oct 26 p 72  
 Carr, D. B., Sept 30 p 64

## PEOPLE IN THE NEWS—Continued

(\* Indicates photograph)

Carriere, K. G., July 1/8 p 38\*

Carroll, Fred R., Oct 28 p 72\*

Carroll, Paul, Dec 23/30 p 51

Carroll, Paul B., Aug 26 p 50

Carroll, Wayne J., Sept 16 p 38

Carstens, W. T., Sept 9 p 38

Casady, George M., Oct 14 p 42

Case, J. D., Aug 5 p 36

Cassell, L. J., Aug 19 p 37

Cassidy, R. G., Aug 26 p 54

Castner, Richard M., Oct 28 p 72

Cathey, J. Otis, Oct 28 p 74

Cattell, Charles S., Aug 26 p 50

Catlin, E. S., Sept 16 p 38

Cena, Lawrence, July 22 p 28\*; Oct 28 p 74

Chabot, M., Sept 30 p 56

Chapman, William K., July 15 p 37

Chappell, Ross E., Aug 26 p 59

Chastain, Henry N., Nov 11 p 32\*, p 37

Chastain, T. C., Sept 23 p 37

Chavis, James J., Oct 7 p 50\*

Checkal, Bernard L., Sept 9 p 39

Chewning, Carlton L., July 15 p 38

Childers, Hiram E., Dec 9 p 37

Childs, D. E., Sept 9 p 38

Chinn, R. J., Aug 5 p 18\*

Chinnis, S. R., Sept 16 p 38

Chizik, Maxwell L., Sept 30 p 64

Chovan, John, Sept 16 p 38

Chute, Donald A., Sept 30 p 64

Cicenas, Anthony A., July 22 p 28

Claperton, John B., July 15 p 38

Clark, J. B., Dec 9 p 15

Clark, James H., Nov 25 p 56

Clark, Orville, July 15 p 32

Clark, Robert A., Oct 14 p 73

Clarke, Owen, Dec 23/30 p 50

Clattenburg, R. N., July 22 p 28

Clausing, Ernest L., Aug 26 p 59

Clawges, Carl R., Oct 14 p 41

Clawley, Edward L., July 1/8 p 40\*

Clayton, W. Graham, Jr., Nov 4 p 23

Clement, John L., Nov 26 p 58

Clemmer, Robert E., Aug 5 p 32

Clifford, Stephen A., July 15 p 38

Clofelter, Paul L., Jr., Aug 12 p 37

Cloud, John W., Sept 9 p 39

Coachys, William H., Nov 11 p 32

Cocking, T. G., July 15 p 38

Coffey, A. Langley, Nov 18 p 12

Cohes, Richard C., July 1/8 p 40

Cole, William A., July 15 p 37

Coleman, W. T., July 15 p 38

Colin, H., Sept 2 p 38

Collett, C. James, Nov 11 p 37

Collingwood, R. P., Aug 5 p 36

Collins, Charles A., Aug 26 p 69

Collins, D. S., Nov 25 p 55

Collins, David J., Aug 5 p 42

Collins, Gerald E., Sept 2 p 37

Colvin, J. R., Sept 16 p 38

Colwell, William B., Aug 5 p 42\*

Colyer, Chester H., Dec 23/30 p 41

Comly, C., July 22 p 28; Sept 2 p 38

Condon, Ronald, Oct 28 p 70

Conlee, Robert E., Nov 25 p 58

Conlon, Jerome W., Oct 21 p 42

Connor, George C., July 1/8 p 36

Conrad, Daniel W., July 22 p 33

Conside, D. E., Aug 19 p 37

Cook, Marvin L., Aug 5 p 36

Cook, R. E., July 22 p 27

Cook, Vinson L., Aug 19 p 29

Cooke, E. J., July 22 p 27

Coomes, Clifford T., July 1/8 p 38

Cooper, Jack L., Aug 26 p 50

Copeland, Arthur R., July 29 p 63

Copeland, Willis E., Dec 2 p 41

Corbin, Grady H., Sept 2 p 38

Corckran, John C., Jr., July 15 p 38

Corley, R. A., Sept 30 p 63

Cornell, Royce A., Aug 26 p 54

Corrigan, John J., Aug 26 p 64

Corrigan, R. J., Sept 23 p 80

Cogrove, J. C., Oct 28 p 76\*

Cogrove, W. A., Sept 2 p 38

Coulas, Robert M., July 1/8 p 44

Counter, James N., Nov 18 p 48

Courses, John J., Aug 19 p 40

Courtney, Robert C., July 22 p 27

Cowart, H. S., Sept 9 p 38

Cowie, James, Dec 9 p 38

Cox, Fred B., Nov 25 p 56

Cox, W. B., Aug 19 p 37

Cozad, H. Ray, Aug 5 p 42

Craig, Howard W., Dec 23/30 p 41

Crawford, J. D., Sept 23 p 60

Creighton, Joseph A., Jr., Aug 12 p 37

Crimm, W., July 29 p 63

Crites, J. M., July 22 p 27

Crockett, Mort C., Oct 28 p 36\*

Crone, Allen A., Aug 26 p 65

Crook, Russell L., Sept 2 p 39

Cross, Charles R., July 22 p 33

Crossan, Elmer E., Nov 11 p 33

Cruikshank, A. W., Sept 23 p 60; Sept 30 p 56

Crump, K. L., Nov 18 p 47\*

Crumrine, Carl T., Dec 23/30 p 12

Cseri, Zoltan, Sept 23 p 60\*

Cudney, Thomas W., Aug 9 p 37

Cullen, Frank J., Aug 26 p 60\*

Cunningham, Joseph A., Oct 28 p 71

Cunningham, F. F., Aug 5 p 32

Cunningham, John G., Aug 26 p 59

Cunningham, T. P., Aug 5 p 36

Cunningham, William M., July 15 p 38

Curry, Robert B., Aug 26 p 11

Curtis, G. M., Oct 14 p 42

Curto, Jerome F., Aug 19 p 37

Cusick, Leo J., Nov 4 p 15\*

Cutforth, John K., Oct 14 p 41\*, p 42

Cutter, N. G., Oct 21 p 42

**D**

Daech, Harold M., Dec 9 p 38

Daley, James P., Aug 5 p 32\*

Damon, A. L., Aug 26 p 50

Danielson, Vernon S., Aug 12 p 38

Dankmyer, Charles G., Sept 18 p 39; Oct 28 p 73\*, p 74

Darling, Kenneth M., Aug 5 p 42

Danner, R. W., Sept 9 p 38; Nov 25 p 55

Darnes, M. R., Nov 25 p 56

Daugherty, R. H., July 29 p 63

Davenport, M. Y., July 29 p 63

Davidson, C. L., July 22 p 27\*

Davis, C. G., Oct 14 p 42

Davis, William R., Sept 23 p 80

Davison, F. W., Aug 12 p 37

Day, F. D., Aug 5 p 36

Dayton, F. F., Oct 21 p 42

Deaver, George A., Sept 9 p 39

Deck, Lowell L., July 22 p 27

Deckard, V. J., July 29 p 63

Defendorf, C. E., Aug 5 p 36

Delaprade, Georges, Oct 28 p 71

DeGrange, John, Nov 11 p 32\*, p 37

Deines, Fred E., Aug 19 p 29\*

Delacarla, Auguste, Aug 26 p 11

DeLamater, J., Aug 26 p 69

de Liniere, Victor H., July 29 p 64

Dellums, C. L., Sept 23 p 7

DeLong, Jerry C., July 1/8 p 36

DeLongis, D. E., Dec 23/30 p 52

Delirch, Raymond P., Dec 2 p 42\*

DeMent, George L., July 1/8 p 21

DeMoss, A. D., Aug 12 p 38; Aug 26 p 64

DeMoyer, John W., July 22 p 28

Denesen, T. H., July 22 p 27

de Pedroso, Jose, July 15 p 32

Depp, Robert C., Oct 14 p 41

Dermer, B. M., July 22 p 27

de St. Aubin, Arthur, July 22 p 33

De Sapiio, Mary, Sept 30 p 37

Desch, Theodore E., Sept 23 p 80\*

Devens, Bernard H., Dec 9 p 38

DeWeese, Charles C., Oct 29 p 74

DeWitt, Elmer T., Sept 9 p 38

Dexter, J. C., Oct 21 p 42

Diamond, C. W., Nov 11 p 32

Dick, J. H., Aug 26 p 64

Dick, M. H., Nov 18 p 26\*

Dilgard, D. F., Aug 5 p 32

Dingle, K. W., Dec 9 p 37

Dixon, Donald H., Aug 26 p 50

Djordjevic, Harald, Nov 11 p 38

Djordjevic, Ott C., Jr., Oct 14 p 41

Doerr, N. M., July 22 p 27\*

Domenic, Clinton E., July 22 p 27

Donaldson, Alan E., Dec 2 p 42

Dow, J. P., Nov 4 p 23

Donovan, Harold T., Aug 26 p 64

Dooley, Joseph G., Aug 19 p 29\*, p 37

Dooley, M. J., Sept 2 p 38

Dorr, Lester J., Dec 9 p 36

Dorrance, John B., Jr., Oct 14 p 42

Dorsey, Cornelius A., Nov 25 p 56

Dorwart, H. G., Aug 5 p 36

Doswell, James D., Aug 26 p 59\*

Dotson, D. W., Sept 16 p 38

Dow, J. C., Aug 5 p 31

Dow, L. F., Aug 5 p 37

Dowdy, M. B., Aug 19 p 38; Sept 16 p 38

Dowling, Carroll A., July 22 p 28

Doyen, D. L., Sept 30 p 56

Driver, C. W., Aug 12 p 37

Drute, John S., Jr., Aug 5 p 36

Dubs, Arthur J., Oct 14 p 42

Ducey, John F., Aug 12 p 38

Duffer, S. M., Dec 23/30 p 52

Dull, Fred W., Sept 2 p 37

Dumaine, F. C., Jr., Aug 5 p 32

Duncan, Gerald D., Aug 12 p 37

Duncan, Gordon C., Oct 22 p 70

Dunn, J. R., Nov 25 p 56

Dunn, W. R., Nov 25 p 56

Dunne, Edward J., July 29 p 64

Duprey, Roy F., Aug 12 p 37

Durham, John M., July 15 p 32

Dustin, A. G., Dec 9 p 37

**E**

Eakins, J. J., Aug 26 p 64

Early, J. A., Aug 5 p 36

Edman, Rudolph N., Aug 26 p 54

Edson, William D., Oct 28 p 71

Edwards, Clyde W., Sept 2 p 38

Edwards, J., Sept 9 p 38

Egan, W. H., July 22 p 27

Egerton, D. E., July 22 p 27

Eichner, L. S., Nov 25 p 55

Eisemann, J. E., Nov 25 p 55\*, p 56

Eisemann, Marjorie A., July 15 p 38

Eldridge, David C., Sept 16 p 38

Eltman, John W., Sept 23 p 50

Elliott, Francis F., Aug 5 p 42

Elliott, Hugh, July 1/8 p 36

Ellis, W. B., Jr., Aug 26 p 50

Elmore, Clifford F., July 15 p 37

**F**

Fadale, Joseph S., July 1/8 p 40

Fadeley, Richard D., Sept 2 p 38

Fahrey, W. R., Sept 9 p 38

Fairley, Millard A., Oct 28 p 70

Fante, Thomas A., Aug 26 p 64\*

Farnsworth, J. A., Nov 18 p 48

Farnell, T. E., Oct 14 p 42

Featherly, Harvey O., Nov 25 p 58

Feeley, Joseph D., Oct 14 p 41

Feldman, S., Aug 26 p 69

Ferguson, Robert L., Aug 19 p 37; Sept 2 p 38

Ferrier, R. B., Oct 28 p 70

Fessler, Richard M., Oct 28 p 76

Fiala, A. F., July 15 p 37

Flandt, Robert F., Nov 11 p 32

Field, Theodore H., Jr., Aug 12 p 37

Findlay, J. M., Aug 19 p 29

Fink, David A., July 22 p 27

Fink, William A., Sept 30 p 56

Finnell, Broughton G., Jr., Aug 5 p 36

Finner, John J., Nov 25 p 56

Firestone, Bernard, Aug 26 p 50

Fleetro, Michael M., Sept 23 p 80

Fischer, Roy J., Nov 11 p 32

Fisher, Benjamin C., July 15 p 38

Fisher, Franklin G., Aug 26 p 7; Sept 2 p 38

Fisher, H. Berman, July 15 p 38

Fisher, Robert J., July 22 p 28

Fisher, S. G., Aug 19 p 29

Fisher, William C., Oct 28 p 73

Fitzgerald, Richard W., Aug 26 p 64

Fitzgerald, W. R., July 15 p 37

Fitzsimmons, John J., July 1/8 p 36\*

Fleaherty, F. R., July 1/8 p 38

Fleckenstein, Maurice R., Oct 28 p 73

Fleer, John B., Aug 26 p 69

Fletcher, Douglas L., Aug 19 p 29\*

Floyd, Herbert F., Aug 26 p 64

Floyd, Vincent J., July 1/8 p 40; Nov 25 p 56

Flynn, James P., Oct 21 p 42

Fogle, W. M., July 1/8 p 38

Foral, William J., Oct 26 p 74

Forbes, J. A., Nov 25 p 55

Forbes, John, Aug 5 p 32\*, p 36

Forbes, Raymond R., Aug 5 p 36

Ford, B. R., Oct 28 p 72

Ford, Hard M., Sept 23 p 80

Ford, P. Edgar, July 22 p 27

Forsythe, Stanley D., Nov 4 p 23

Fortier, J. A., Sept 30 p 56

Fortune, Nelson H., Jr., Oct 28 p 73

Foxano, J. P., Dec 23/30 p 52

Foster, B. L., Oct 28 p 76

Foster, John J., July 22 p 28; Dec 2 p 41

Foster, R. A., Oct 28 p 76

Foster, R. W., Sept 12 p 37

Fotta, Frank G., Aug 26 p 54

Fournier, Leo C., Oct 26 p 70

Foutz, Roy E., Jr., Nov 11 p 37

Frank, George E., Nov 11 p 32

Frank, James E., Jr., Nov 18 p 47

Frazier, W. T., Oct 26 p 73

Frazier, Stanley A., Nov 25 p 56

Frederick, G. Vernon, Dec 9 p 37

Frederickson, Robert, Aug 26 p 50

Freeman, Lewis D., July 22 p 28; Dec 2 p 41

Fremon, W. J., Sept 23 p 80

French, J. R. B., Aug 12 p 37

French, William T., Aug 19 p 37

Fritz, R. J., Sept 16 p 36

Fowler, G. R., July 1/8 p 40

Fuller, Robert G., Aug 5 p 11

Funkhouser, A. Paul, July 15 p 38; Nov 25 p 56

Furst, E. H., July 15 p 38; Nov 25 p 58

Fusco, James F., Dec 2 p 41

**G**

Gaines, J. S., July 29 p 63

Gallagher, John P., July 1/8 p 36\*

Gallagher, John W., Sept 9 p 39

Gallagher, William J., Nov 4 p 28\*

Galloway, T. M., July 29 p 63

Gavin, Francis A., Aug 5 p 37

Gardner, Thomas J., July 15 p 37

Gardner, William J., Nov 4 p 37

Gardner, James E., Nov 25 p 55\*

Garbaldi, William J., Dec 2 p 42

Garland, R. G., Sept 2 p 38

Garr, Carl R., Aug 26 p 69\*

Gartrell, O. J., Sept 23 p 80

Gaskill, Oscar A., Jr., Nov 25 p 56

Gaunt, Harry B., Sept 2 p 38

Gaynor, Edward J., Nov 4 p 23; Nov 11 p 37

Gearhart, George W., Oct 28 p 73

Gehr, Robert E., Aug 19 p 37

Gehr, Theodore H., Sept 16 p 38

Gendron, J. E., Sept 30 p 56

Genger, Fred W., Aug 26 p 69

Gentle, H. W., Dec 9 p 38

George, Raymond B., Oct 28 p 72

Gerity, John F., July 22 p 27

Gestal, William J., Nov 4 p 28

Getty, J. R., Nov 4 p 23

Giallonardo, Ron M., Aug 26 p 69

Gibb, W. A., Nov 25 p 55

Gibson, H. D., Nov 11 p 32\*; Nov 25 p 55

Gibson, Sherman C., July 22 p 28

Giddings, Bill, Dec 9 p 32

Gilbert, H. E., July 29 p 62; Oct 7 p 12

Gilbert, J. P., Aug 26 p 50

Gilbert, William E., Sept 30 p 56

Gillilan, J. H., Sept 9 p 39

Gill, Robert W., July 15 p 38

Gilles, Albert J., Oct 28 p 70; Nov 25 p 58

Gilmore, Earl, July 15 p 38; Aug 19 p 37

Gilpatrick, Jean E., Nov 25 p 55\*, p 56

Gladwell, E. F., Aug 26 p 69

Gleason, David S., Dec 9 p 37

Glenn, William W., Sept 16 p 36

Glover, Guy L., Aug 19 p 29

Glowen, Donald H., Sept 16 p 39

Goehring, David C., Dec 2 p 41

Goelzer, H. F., Sept 30 p 56

Goettlmann, Charles F., Oct 28 p 74

Goldberg, David J., Dec 2 p 6\*

Goodfellow, Thomas M., Oct 21 p 7

Gooding, Richard Z., Nov 25 p 55

Goodness, Hugh G., Oct 28 p 70

Gould, W. H., Aug 5 p 36

Gordon, B. J., Aug 5 p 36

Gordon Howard L., July 1/8 p 40

Gorsuch, R. E., Aug 5 p 36

Gottschall, Morris, Jr., Nov 11 p 37

Gottschall, Karl G., Aug 26 p 50

Gould, Arthur C., July 15 p 37

Gould, Owen J., Oct 28 p 70

Govic, Milan, Sept 16 p 36

Graber, John J., July 15 p 37

Grader, George T., Aug 12 p 37

Graham, C. R., Sept 30 p 56

Granberry, H. D., Jr., Nov 11 p 32

Grange, William A., Aug 12 p 38

Granitow, Wladimir W., Dec 23/30 p 52

Grant, Walter, Oct 28 p 11

Gray, H. W., Oct 28 p 11

Gray, Robert P., Nov 18 p 48

Gray, W. Ashley, Jr., Nov 11 p 38; Dec 23/30 p 23\*

Gray, William M., Oct 21 p 42

Green, Carroll A., Sept 23 p 80

Green, Dan J., Nov 25 p 55

Green, L. W., Aug 5 p 36

Green, Teakil W., July 15 p 32

Green, W., Nov 25 p 55

Greer, David S., Oct 14 p 42

Gregory, James B., Sept 23 p 80

Greve, Julian W., July 1/8 p 40

Griemann, M. B., July 22 p 27

Griffin, Jack A., July 29 p 64

Griffin, L. B., July 22 p 27

Griffiths, Garth, July 1/8 p 38

Grigg, W. A., Aug 26 p 54

Grimes, Joseph R., Aug 19 p 29

Grimm, Wayne R., Oct 28 p 70

Grogan, Coy R., Nov 11 p 37

Grooms, Robert H., Sept 30 p 63

Grossman, Frank N., Aug 19 p 37, p 38\*

Grotewohl, L. A., July 15 p 38

Grover, W. S., Aug 26 p 64

Guther, Joseph D., July 15 p 38

Gurren, James T., July 15 p 37

Gustafson, Gary C., Dec 9 p 37

Gutzwiller, F. William, July 22 p 33

**H**

Haake, Thomas F., July 29 p 63

Haberkorn, James J., Sept 30 p 63

Hachtmann, John I., Sept 16 p 36

Hacker, Harold M., Oct 28 p 72\*

Hafner, William E., Oct 28 p 74

Hagan, John N., Aug 26 p 54

Hains, Robert A., Sept 30 p 64

Hale, Hal H., July 22 p 27

Haley, James F., Nov 25 p 58

Hallam, Victor K., Nov 18 p 48

Hamilton, E. W., Sept 16 p 36

Hamilton, L. L., Sept 16 p 36

Hamilton, R. S., Sept 30 p 44\*

Hamilton, W. D., July 1/8 p 40

Hamlin, Robert G., Oct 28 p 71

Hammond, Edwin J., Oct 28 p 72

Hammond, W. T., Aug 5 p 36

Hammond, William L., July 29 p 64

Hance, Richard K., Dec 9 p 38

Hancock, T. D., Nov 11 p 32

Hansen, George E., Aug 12 p 37

Hansen, R. J., Sept 9 p 38

Hanson, Harold W., Sept 16 p 36\*

Hanson, Dr. O. L., Aug 19 p 37

Harahan, Paul J., Aug 26 p 50; Sept 23 p 60

Hardee, Covington, Oct 28 p 74

Harding, C. L., July 22 p 27

Harley, E. Thomas, July 1/8 p 40

Harling, Theodore S., Oct 28 p 76

Harper, Frank L., Dec 9 p 32

Harper, Gordon K., Dec 2 p 42

Harrelson, Ernest H., Dec 2 p 41

Harriman, Donald M., July 15 p 38  
Harrington, Lawrence W., Nov 11 p 32\*

Harris, Mosby, Oct 14 p 42  
Harris, Alexander B., Jr., Oct 28 p 72  
Harris, H. V., Nov 25 p 55  
Harrison, Paul L., Aug 5 p 36  
Hart, David T., Oct 14 p 42  
Hartsook, Glenn E., Aug 26 p 59  
Haskins, C. R., Nov 4 p 23  
Hass, V., Aug 12 p 23  
Hasselman, Richard B., Oct 14 p 42  
Haury, Clifford J., Dec 9 p 38  
Hawkins, Sidney E., Sept 2 p 38  
Hawthorne, J. W., Oct 14 p 24\*  
Hawthorne, V. T., July 15 p 32\*  
Hay, William W., Sept 23 p 50\*  
Haydon, L. W., Sept 30 p 56  
Haynes, C. W., Oct 28 p 73  
Haynes, William R., July 15 p 38  
Hazar, R. A., Aug 12 p 37  
Healy, Thomas M., Aug 12 p 37  
Heble, G. W., Dec 16 p 38\*  
Heckman, Glenn R., Sept 16 p 38  
Hed, D. D., Aug 5 p 32  
Heidenreich, George J., Sept 30 p 56  
Heinemann, Bert W., Oct 21 p 42  
Heilendorfer, James F., Dec 2 p 42\*  
Hellenbrand, Samuel H., July 1/8 p 40  
Heller, E. B., Aug 26 p 69  
Heller, Wallace P., Nov 11 p 32  
Helmets, C. J., July 22 p 28  
Hemmensch, T. N., Oct 21 p 42  
Henderson, Harold W., July 1/8 p 38  
Henderson, J. William, Jr., Nov 4 p 7; Nov 11 p 38\*; Dec 23/30 p 23\*  
Henderson, Jack E., Nov 25 p 58  
Henderson, M. K., Aug 12 p 36  
Henderson, Vernon B., July 22 p 28  
Henderson, Walter H., Oct 21 p 42  
Hendrix, Walter P., Aug 26 p 54  
Hengel, M. F., Sept 23 p 80  
Henne, Robert E., Sept 2 p 38  
Hennessey, Lawrence W., July 20 p 64  
Henning, William F., July 1/8 p 38  
Henningens, C. H., Sept 9 p 38  
Henry, George J., Nov 11 p 37  
Henry, Samuel H., Sept 16 p 39  
Henshaw, Richard C., Sept 30 p 63  
Hequeembourg, William J., Sept 18 p 38  
Herde, Eugene W., July 1/8 p 38  
Hering, Hamilton N., Oct 28 p 73  
Herman, Robert A., Jr., July 22 p 27  
Heron, James H., July 1/8 p 40  
Herrick, C. C., Aug 5 p 36  
Herrman, George E., Nov 25 p 58  
Herzog, S. Edward, Aug 19 p 37  
Hiatt, Richard L., July 29 p 64  
Hick, J. M., Aug 16 p 36  
Hicks, S. F., Jr., Nov 4 p 23  
Higginbotham, George, Nov 18 p 12  
Highland, Alder E., July 1/8 p 38  
Hildenbridge, J. H., Jr., July 1/8 p 40  
Hill, Charles S., July 22 p 28; Nov 4 p 23  
Hill, Robert J., Oct 24 p 11  
Hillman, Stanley E. G., Sept 30 p 62; Oct 14 p 41\*; p 42\*  
Hilton, Jack B., Sept 2 p 38  
Hiltz, J. P., Jr., Sept 9 p 12  
Hinder, William H., July 1/8 p 40  
Hiner, John T., Aug 5 p 32  
Hines, Louis E., Dec 6 p 38  
Hinkie, B. F., Nov 25 p 56  
Hitchcock, E. B., July 23 p 28  
Hobb, John, Oct 14 p 42  
Hockaday, C. J., Oct 21 p 42  
Hockaday, Irving O., Jr., Nov 25 p 55  
Hodges, C. J., Nov 4 p 28\*  
Hoehn, A. J., Nov 25 p 55  
Hoelzel, Edwin C., Sept 23 p 80  
Hoening, William C., Nov 11 p 37  
Hoffman, Elsie M., Sept 16 p 36  
Hoffman, Harold W., Nov 25 p 58\*  
Hoffman, M. V., Sept 2 p 38  
Hoffman, R. E., Sept 2 p 38  
Hoffmeister, Harold F., Sept 16 p 21\*  
Hogan, Tim, Nov 11 p 37  
Hogg, J. F., Aug 12 p 37  
Hobson, Henry G., Nov 25 p 56\*  
Hoist, Francis S., July 22 p 27  
Holaway, Coy W., Sept 16 p 36  
Holler, William L., Oct 14 p 42  
Holt, Carl K., Nov 11 p 37  
Holt, Lindsay O., Oct 28 p 73  
Holton, C. V., Oct 26 p 72, p 73  
Hooper, Phillip L., Nov 25 p 55\*  
Hopkins, Harvey C., July 15 p 32  
Hoppes, R. E., July 22 p 27  
Hore, F. W., July 1/8 p 40\*  
Hooskins, Robert N., Aug 26 p 59\*  
Hough, D. E., Oct 28 p 73  
Houser, F. N., Nov 18 p 26\*  
Houwen, William P., July 22 p 28  
Hoving, Hilmer C., July 22 p 27  
Howell, Vincent B., Aug 26 p 54  
Howerton, Rich, Aug 12 p 36  
Hrebock, Francis X., Nov 11 p 37  
Huband, Gravel E., Aug 26 p 64  
Hudson, George L., Aug 19 p 36; Aug 26 p 69\*  
Huffer, Richard T., Aug 5 p 36  
Huffman, W. H., Aug 26 p 50  
Hughes, Clarence A., Sept 16 p 30  
Hughes, M. M., Aug 26 p 64  
Hull, N. J., July 22 p 28  
Hull, S. T., Oct 28 p 71  
Humphrey, Murray, Sept 23 p 80  
Humphreys, W. C., Aug 5 p 36  
Humphries, Dr. John K., Nov 4 p 23  
Hunsberger, J. C., Oct 28 p 73  
Hunt, James E., Sept 2 p 38  
Hunter, Earl T., Sept 2 p 38  
Hurst, Robert J., Sept 30 p 56

Hurt, Carl R., Nov 11 p 32\*; p 37  
Hutchens, Elwood E., Sept 9 p 39

I

Ikner, J. N., Aug 12 p 37  
Indest, Carlos J., Aug 19 p 37  
Inglis, John G., Aug 5 p 42  
Ingram, J. D., Dec 2 p 42  
Ingram, John W., Dec 18 p 38\*  
Innes, G. T., Aug 5 p 7  
Ireland, Joseph H., July 15 p 38  
Ivy, Ivan L., July 22 p 28

J

Jackel, William J., July 15 p 32  
Jacks, G., July 22 p 28  
Jackson, Raymond A., Sept 16 p 36  
Jackson, Starr, Oct 28 p 76\*  
Jacobsen, L. C., Sept 16 p 36  
Jaeb, K. D., July 15 p 37  
Jaeger, Donald J., July 15 p 37  
Jameson, Burton C., July 22 p 33\*  
Janis, Clifford J., July 15 p 38  
Jenks, D. B., Aug 26 p 50  
Jensen, E. L., July 22 p 27  
Jerron, W. J., Aug 26 p 50  
Joerger, Donald L., Oct 21 p 42\*  
Johnson, Burton B., Dec 9 p 37  
Johnson, Dale, July 22 p 33  
Johnson, E. L., Nov 4 p 23  
Johnson, Gerald D., Oct 14 p 42  
Johnson, P. S., Sept 18 p 38  
Johnson, J. J., Aug 26 p 50  
Johnson, Joseph C., Sept 2 p 38  
Johnson, Lawrence V., Dec 23/30 p 52  
Johnson, Lewis A., Aug 19 p 29  
Johnson, Milton R., Sept 18 p 39  
Johnson, Robert E., Sept 18 p 31  
Johnson, Rodger K., Sept 9 p 39  
Johnson, R. S., Oct 21 p 38  
Johnson, A. V., Sept 9 p 38  
Johnson, Paul W., Jr., Dec 9 p 37  
Johnson, Richard C., July 1/8 p 40  
Jones, Alfred E., Nov 25 p 58  
Jones, Charles W., Oct 26 p 74  
Jones, G. B., Nov 25 p 55  
Jones, Marvin D., Oct 28 p 71  
Jones, P. T., Sept 2 p 38  
Jones, Sydney, Aug 26 p 11  
Jones, W. P., July 1/8 p 40  
Jones, William E., Oct 28 p 74  
Joplin, A. F., Sept 30 p 56  
Jordan, Ray H., July 1/8 p 7; July 22 p 27\*; p 28; Aug 5 p 11; Oct 14 p 42  
Jur, T. J., July 22 p 27

K

Kadersch, Horst, Sept 30 p 63  
Kaier, E. A., July 22 p 28  
Kallas, Michael, Aug 26 p 64  
Kamp, G. C., Sept 2 p 38  
Kane, Anthony, Dec 23/30 p 50  
Kane, Joseph T., Sept 23 p 114; Oct 14 p 41\*; p 42  
Kanney, D. R., Aug 5 p 36  
Kappauf, Robert E., Nov 4 p 23  
Karlich, Rudolph C., Nov 4 p 37  
Karl, M. H., Oct 21 p 42  
Karsten, M. W., Aug 12 p 37  
Kaylor, Frank M., Aug 12 p 37  
Kearns, Frank T., Oct 14 p 42  
Kearns, James H., Aug 5 p 42\*  
Keenan, Arthur E., Sept 9 p 39  
Keenan, Joseph E., Aug 26 p 30  
Kelley, Edwin W., Oct 28 p 71  
Kelley, Stephen T., July 1/8 p 40  
Keller, Thighman E., Jr., Nov 4 p 28  
Keller, E. L., Sept 23 p 80  
Keith, Eugene H., Oct 28 p 72  
Keith, Robert A., Oct 7 p 30  
Keller, C. J., July 1/8 p 38  
Keller, J. Samuel, Aug 5 p 69  
Keller, William M., July 1/8 p 7  
Keller, Earl H., Oct 28 p 70  
Keller, Joseph J., July 1/8 p 38  
Kelly, E. B., Sept 18 p 36  
Kelly, G. W., Oct 7 p 48  
Kela, R. A., Nov 11 p 18\*  
Kenefick, John C., July 1/8 p 40  
Kennedy, H. F., Oct 14 p 42  
Kenny, Jerry M., Oct 26 p 74  
Kern, M. E., Aug 5 p 36  
Kerrigan, Daniel J., Aug 26 p 59  
Kerwin, J. D., Oct 28 p 72  
Kieffer, Ernest E., Sept 30 p 56  
Kleinie, Richard W., Nov 4 p 23  
Kiley, R. F., Sept 23 p 80  
Kimber, R. G., Sept 16 p 36  
King, I. W., July 1/8 p 38  
King, Robert W., Aug 26 p 54\*  
King, W. A., Sept 9 p 36; Oct 28 p 70  
Kinsella, Redmond, Sept 2 p 38  
Kinzel, James H., Jr., Oct 28 p 72  
Kirby, C. E., Sept 9 p 38  
Kirby, George K., Oct 28 p 74  
Kirk, E. C., Sept 9 p 35; Oct 28 p 70  
Kirtley, John D., Oct 28 p 74  
Klein, Leo M., Sept 16 p 38  
Knapp, Robert W., Sept 9 p 39  
Knight, Woodson, Dec 9 p 38  
Knotts, R. J., Nov 4 p 23  
Knotts, F. E., Sept 9 p 39  
Knutson, Guy W., Sept 16 p 36  
Koehler, M. L., Aug 5 p 36

Koester, E. Leo, Dec 9 p 38  
Konrad, Hebb, Aug 5 p 42  
Koonee, H. R., Nov 11 p 32  
Koonee, R. L., Nov 11 p 32  
Korman, Richard F., Nov 11 p 32  
Koudelka, Edward R., Nov 25 p 56  
Kraft, R. L., Aug 19 p 38  
Kramble, George, Oct 1 p 19\*  
Kranz, W. G., July 22 p 27  
Kraus, George, Aug 26 p 64  
Krause, Charles W., Sept 30 p 64  
Krause, E. O., Sept 23 p 80  
Kreidler, Francis W., Aug 26 p 50\*  
Kremer, R. J., Sept 9 p 38  
Kruks, William, Aug 5 p 50  
Krug, Maynard W., Aug 26 p 59  
Kugard, G. F., Aug 12 p 37  
Kuhns, Harold J., Aug 26 p 59  
Kuranda, John T., Sept 16 p 36

L

Lacy, Jean T., Nov 11 p 32  
Ladd, Vaughn L., Sept 16 p 36  
LaHatt, Robert D., July 29 p 63  
Lahndorff, N. E., July 1/8 p 38\*  
Landow, Herbert T., July 22 p 27\*  
Lane, Avon, July 15 p 32  
Lane, Clyde F., Aug 12 p 13; Oct 7 p 12  
Lane, Richard J., Nov 11 p 32\*; p 37  
Lang, A. Scheffer, Sept 9 p 35  
Langmaid, Clair W., Jr., July 1/8 p 38  
Lanning, R. F., Sept 2 p 38  
Lapergola, Timothy F., Sept 2 p 38  
Larmee, D. H., Sept 23 p 80  
LaRocca, Samuel J., Oct 28 p 73  
Larson, J. L., Sept 23 p 80  
Larson, L. Byron, Dec 9 p 38\*  
Laubensfeld, John, July 22 p 27  
Laurie, James, Oct 21 p 15\*  
Law, J. M., Nov 11 p 32  
Lawrence, Steve P., Sept 30 p 56  
Lawson, D. K., Sept 23 p 80  
Lawson, Edward C., July 22 p 28; Dec 2 p 41  
Leahy, William P., July 15 p 37  
Leblanc, Emery, Sept 30 p 56\*; Oct 28 p 71

Lee, David P., Oct 14 p 42  
Lee, Emmett J., Oct 28 p 74  
Lee, Philip J., Nov 4 p 23  
Leeman, Willard H., July 15 p 37  
Leffton, Samuel L., Aug 19 p 38  
Legge, Milton W., Sept 9 p 38  
Legge, James R., Nov 4 p 37  
Legge, James R., Aug 19 p 38\*  
Leigh, E. R., July 1/8 p 38  
Leighty, George E., July 29 p 11  
Leisey, Ely E., Sept 2 p 38  
Lennartsen, Nils, Dec 23/30 p 23\*  
Leppert, Milton E., Aug 19 p 38\*  
Leslie, J. K., Sept 9 p 38  
Lester, Warrington G., Oct 28 p 73  
Levy, Alan W., July 15 p 38  
Lewis, Dan J., Aug 5 p 32  
Lewis, Fred A., Oct 21 p 42  
Lewis, Fred B., Nov 11 p 37  
Lewis, Robert G., Aug 5 p 30\*  
Lewis, William N., Nov 11 p 36  
Liebenthal, H., Sept 16 p 30  
Liggett, R. C., Oct 21 p 42  
Lindsey, Lawrence E., Aug 26 p 59  
Lindsey, Robert S., July 15 p 38  
Linnane, Lawrence R., July 15 p 38  
Lippert, Donald J., Oct 28 p 74  
Linton, Harvey R., Nov 25 p 56  
Lloyd, Robert L., Oct 7 p 37; Oct 28 p 71  
Lloyd, Walter J., July 15 p 38  
Loektery, K. M., Aug 5 p 36  
Lococo, James M., Oct 14 p 42  
Loder, R. W., Nov 25 p 56  
Lofitis, H. B., Dec 9 p 37  
Loftus, D. L., Oct 7 p 37  
Loegelin, Warren A., Aug 5 p 42\*  
Lohman, Gordon H., Oct 28 p 76  
Lombardi, Donald C., Nov 11 p 37  
Long, L. R., Sept 2 p 38  
Long, Larry E., Nov 25 p 56  
Long, M. R., July 22 p 27  
Lord, Edwin F., Dec 9 p 32\*  
Lord, Thomas, Sept 30 p 63  
Love, C. A., July 1/8 p 15\*  
Lowry, A. H., July 29 p 11  
Lucak, Michael, Aug 5 p 22  
Lucas, Charles R., Oct 14 p 42  
Luna, Charles, Sept 30 p 11; Oct 7 p 12; Oct 21 p 13  
Lundell, W. T., Nov 25 p 55  
Lusk, Raymond W., Nov 25 p 56  
Luster, E. Jr., Sept 30 p 56  
Lutterman, Byron E., Aug 19 p 29\*; p 37; Sept 9 p 39  
Lynch, J. T., July 22 p 28  
Lynch, James F., Jr., Aug 12 p 38  
Lynes, William J., Aug 26 p 69\*  
Lyngby, I. M., Aug 12 p 37  
Lyons, Frank D., Nov 11 p 38

M

MacDonald, N. A., Nov 25 p 55  
Macfarland, Willard C., Sept 23 p 80  
Mac, Clifford G., July 1/8 p 40  
MacPhail, I. A., Aug 26 p 54\*  
Maddocks, R. W., Nov 4 p 28\*  
Madeira, Samuel W., Nov 25 p 58\*  
Magruder, C. G., Aug 5 p 36  
Mahon, Verne E., Aug 12 p 38  
Mahon, William J., Sept 9 p 39

Main, L. G., July 1/8 p 40\*  
Main, William R., Oct 14 p 42  
Maitland, William G., July 22 p 27  
Majeres, John J., Sept 9 p 39  
Mallette, Eugene E., Dec 9 p 37  
Malone, Frank, Oct 21 p 13\*; p 33\*  
Malone, William L., Aug 19 p 29  
Mandes, Cleo, Sept 30 p 62  
Manetta, E. A., Aug 26 p 54  
Mangan, R. J., Sept 2 p 38  
Mangum, James O., Oct 28 p 74  
Manson, Rex, Aug 26 p 11  
Manson, Anthony, July 1/8 p 38  
Marable, W. T., Nov 4 p 23  
Mardi, L. B., Oct 28 p 71  
Mark, Edward L., Nov 25 p 58  
Marklein, George L., Dec 23/30 p 52  
Marlin, C. L., Aug 26 p 50  
Marlin, E. E., Sept 9 p 38  
Marlow, D. E., Oct 14 p 42  
Marquis, Robert C., Oct 14 p 42  
Marsh, Ernest S., Oct 21 p 31  
Marsh, Richard, Sept 9 p 44  
Marshall, W. A., Dec 16 p 38\*  
Martin, E. M., July 15 p 37  
Martin, Edgard, Nov 25 p 55  
Martin, Franklin P., Jr., Sept 23 p 80  
Martin, J. A., July 15 p 38  
Martin, Jack R., Aug 12 p 37  
Martin, O. J., Sept 16 p 36  
Martin, Raymond A., July 29 p 63  
Martin, Robert A., Nov 4 p 37  
Martinson, R. G., Aug 12 p 37  
Marx, William A., Aug 26 p 54  
Mason, Ted D., Nov 18 p 47\*  
Mason, W. S., Nov 18 p 47  
Mast, Wilmer B., Nov 18 p 47  
Mathews, Lee K., Oct 28 p 66  
Mathews, William L., July 22 p 33  
Mattey, P. L., Aug 26 p 69  
Matthews, John P., July 15 p 32  
Matthews, John T., July 1/8 p 40  
Mattox, James D., Oct 28 p 73  
Maynard, Clifford, Oct 28 p 73  
McAlarney, J. C., Sept 9 p 38  
McAtee, Eugene A., Aug 26 p 64  
McCabe, Frank W., Aug 5 p 32  
McCabe, Laurence A., July 1/8 p 40  
McCarthy, Allan, Dec 9 p 32  
McCarthy, R. K., July 1/8 p 38  
McClay, Archibald, Aug 12 p 37  
McClelland, M. M., Oct 21 p 42  
McConnell, Donald F., Nov 4 p 37  
McCoy, Howard L., Dec 9 p 37  
McCoy, Robert J., July 15 p 37  
McCron, Raymond C., Sept 2 p 38  
McCullough, Robert W., July 1/8 p 36\*  
McDaniel, Harold G., Nov 11 p 37  
McDaniel, J. C., Sept 23 p 80  
McDaniel, R. R., Aug 26 p 54  
McDonald, William J., Jr., Oct 28 p 73\*, p 74  
McDonnell, James W., July 23 p 27  
McDoughan, John F., July 1/8 p 40  
McEachron, Andrew H., Oct 7 p 50  
McElree, John P., Oct 7 p 37  
McFarland, Earl K., Oct 28 p 73  
McFarland, J. M., Oct 21 p 42  
McGarry, George J., Oct 28 p 76  
McGinley, John F., Aug 26 p 50\*  
McGinley, R. B., Aug 19 p 29  
McGinn, H. J. G., Aug 26 p 50  
McGlothen, Ralph E., Oct 28 p 74; Nov 11 p 37  
McGrath, William F., Dec 9 p 38\*  
McGuigan, John M., July 1/8 p 40\*  
McGuinn, A. J., July 15 p 37  
McIntire, Robert D., Aug 12 p 38\*  
McIntosh, Ronald W., July 15 p 38  
McKenna, Charles R., Oct 14 p 42  
McKenzie, E. L., July 22 p 27  
McKevitt, J. R., Aug 26 p 64  
McKnight, Robert W., Nov 18 p 26\*  
McLean, D. J., Nov 4 p 23  
McLean, Robert J., Dec 9 p 38\*  
McNally, H. J., Aug 5 p 36  
McNeill, D. I., Aug 12 p 37  
McNeill, John J., Dec 2 p 42  
McNeilly, William D., Aug 19 p 20  
McNutt, James L., Aug 19 p 37  
McSherry, T. A., Aug 5 p 36  
McTeman, J. J., Jr., July 22 p 28; Sept 2 p 36; Nov 4 p 23  
Medley, James J., Nov 11 p 37  
Mehnholtz, E. C., Sept 23 p 60  
Mehn, Frank E., Aug 19 p 37  
Mehigan, B. F., Sept 23 p 60  
Mehlvin, Norman C., Sept 23 p 80\*  
Menk, Louis, Aug 5 p 36  
Merritt, R. D., Aug 5 p 32  
Merritt, Virgil W., Nov 25 p 55\*, p 56  
Mersereau, C. E., Sept 30 p 63  
Mertz, Charles M., Aug 5 p 42  
Mervine, C. E. J., Dec 23/30 p 52  
Mizaga, F. S., Sept 23 p 66  
Michelson, Edward F., Sept 9 p 39  
Milch, Robert M., Oct 28 p 73  
Milcoff, Barnard, Nov 25 p 58  
Miller, Downing, Oct 28 p 72  
Miller, E. Spencer, July 23 p 27\*  
Miller, George E., Oct 14 p 43  
Miller, Harold A., Sept 16 p 38  
Miller, James B., Sept 2 p 38  
Miller, M. Bruce, Aug 26 p 59  
Miller, Mark R., Sept 30 p 63  
Miller, Paul E., Nov 18 p 47  
Miller, W. A., Sept 16 p 38  
Millington, George P., Jr., Oct 21 p 7  
Mills, Kenneth E., Oct 14 p 41  
Mirland, Charles B., Sept 9 p 39  
Mitchell, I. W., Oct 28 p 70  
Mitchell, Robert A., Sept 23 p 80; Nov 4 p 37

## PEOPLE IN THE NEWS—Continued

[Indicates photograph]

**P**

Mitchell, W. R., Oct 28 p 70  
 Mitts, Neil A., Nov 11 p 32  
 Moerke, J. E., Aug 19 p 29  
 Molengraft, E. C., Jr., Nov 25 p 56  
 Monahan, Bryan V., Oct 7 p 37  
 Money, Robert J., July 29 p 63  
 Monson, T. B., July 22 p 33\*  
 Montgomery, Don R., Oct 28 p 72\*  
 Moody, G. Merrill, Aug 19 p 29  
 Moore, Charles W., July 1/8 p 44; July 15 p 37  
 Moore, E. F., Dec 9 p 38  
 Moore, G. H., Jr., July 29 p 63  
 Moore, Stanley T., Aug 12 p 38; Aug 26 p 84  
 Moore, Truman T., Aug 26 p 59  
 Moore, W. Gifford, Oct 28 p 71  
 Moore, W. H., Nov 11 p 18\*  
 Moorehead, K. J., Sept 9 p 38; Oct 28 p 70  
 Moran, Leon J., July 1/8 p 40  
 Moran, R. Cecil, July 1/8 p 40  
 Moren, Dale H., Oct 28 p 71  
 Morrison, G. A., Dec 9 p 37  
 Morris, Joseph, Aug 26 p 54  
 Morris, Richard J., Sept 23 p 80  
 Morris, Wilbur S., Aug 12 p 37  
 Morrissey, James P., Sept 2 p 38  
 Morrison, James E., Jr., Oct 28 p 72  
 Morrison, M. L., Aug 26 p 69  
 Morrison, R. L., Jr., Aug 26 p 69  
 Morrison, R. W., Oct 28 p 71  
 Moseley, Spencer D., Oct 14 p 41\*, p 42  
 Mott, Raymond W., Oct 28 p 73  
 Moyer, Clarence H., Nov 18 p 47  
 Moyer, Stuart W., Sept 2 p 38  
 Mullin, C. C., Oct 28 p 71  
 Mullen, William A., July 1/8 p 40  
 Murphy, R. J., July 22 p 28  
 Murray, William S., July 29 p 63  
 Murry, Edward F., Oct 28 p 73  
 Murzynski, M., July 1/8 p 40\*  
 Musel, R. J., July 15 p 32  
 Myers, W. L., July 22 p 27  
 Myles, A. E., Sept 23 p 80

**Plante, F. E., July 15 p 37**

Peters, C. A., Aug 26 p 54  
 Petersen, E. L., Aug 26 p 59\*  
 Petersen, H. A., July 22 p 27  
 Peterson, Harry, July 1/8 p 38  
 Peterson, E. J., July 15 p 37  
 Petraitis, Frank V., Oct 28 p 71  
 Pettus, Thomas W., July 29 p 64  
 Pevler, Herman H., July 29 p 62  
 Phelan, John E., Sept 30 p 64  
 Phelps, Sydney N., Oct 14 p 42  
 Phillips, William G., Aug 26 p 64  
 Phillips, R. D., Dec 9 p 37  
 Phillips, Robert T., Aug 12 p 37  
 Pickard, J. L., Nov 25 p 56  
 Pierce, W. E., Dec 9 p 37  
 Pierce, William P., Sept 30 p 64  
 Piper, J. F., Aug 5 p 36  
 Pittman, Walter F., July 15 p 38  
 Plante, F. E., July 15 p 37  
 Ploeger, Warren H., Sept 9 p 39  
 Pohlmann, W. J., Nov 25 p 56  
 Politza, Andrew A., Oct 28 p 70  
 Polk, William H., Aug 5 p 42  
 Pollack, J. V., Nov 25 p 56  
 Pollard, James A., July 1/8 p 38  
 Pompa, C. T., Aug 5 p 36  
 Pongrace, Otto W., July 1/8 p 40  
 Popp, J. J., Aug 5 p 36  
 Porambo, A. J., Sept 2 p 38  
 Porter, Dan, July 22 p 33\*  
 Porter, Milton, Oct 28 p 76\*  
 Portwood, Ernest E., Oct 14 p 42  
 Postlethwaite, Alber L., Sept 16 p 36  
 Powell, John T., Nov 25 p 55  
 Powell, S. B., Nov 11 p 32  
 Pratt, Robert A., Nov 4 p 37  
 Prazak, R. L., July 15 p 37  
 Precht, Herman H., Oct 28 p 72  
 Prechtel, F. M., Nov 25 p 58  
 Price, John L., Nov 11 p 38  
 Price, Robert D., Oct 28 p 71  
 Prince, Gregory S., Aug 26 p 11  
 Prinz, Edwin L., Oct 28 p 73  
 Prior, C. A., Dec 2 p 42  
 Provo, Larry S., Oct 21 p 42\*  
 Purnell, William C., Sept 23 p 80  
 Purves, Donald F., Sept 30 p 56\*

**Q**

Queenan, William J., July 1/8 p 38  
 Quinlan, H. W., Oct 28 p 71  
 Quinn, F. P., Sept 9 p 38  
 Quinn, Joseph M., Sept 9 p 39  
 Quinn, William J., Sept 23 p 50\*

**R**

Oboikovitz, Kenneth E., Oct 14 p 41  
 O'Brien, Charles A., Aug 12 p 7  
 O'Connor, J. F., Aug 26 p 64  
 O'Connor, John B., July 1/8 p 40  
 O'Connor, W. H., Jr., Nov 4 p 23  
 Oddy, G. K., Sept 30 p 56  
 Odeli, Humphrey R., Nov 11 p 38  
 Odenrider, C. Charles, Nov 11 p 38  
 Oeherman, R. A., Sept 16 p 38  
 O'Grady, Raymond J., Aug 12 p 37  
 O'Keeffe, W. J., Oct 21 p 42  
 Oerlund, Walter T., Dec 23/30 p 52  
 O'Leary, D. E., July 15 p 37  
 O'Leary, H. F., Aug 19 p 37  
 Olson, A. E., Oct 7 p 50  
 Olson, Eugene L., Dec 9 p 37  
 O'Neill, Walter L., Oct 14 p 42  
 O'Neill, J. D., Aug 5 p 32  
 O'Neill, J. T., Walter, Sept 30 p 56  
 Opsahl, V. A., Oct 21 p 42  
 Ormerod, Thomas A., Aug 12 p 38  
 Orrico, Robert J., Oct 28 p 74  
 Orsborn, James F., July 1/8 p 40  
 Ostendorf, Robert G., Aug 26 p 64  
 Osborne, W. W., Oct 28 p 73  
 Ostlund, Van D., Sept 16 p 38  
 O'Sullivan, William B., Oct 28 p 71  
 Outlaw, E. H., July 1/8 p 36  
 Overlander, Charles C., July 1/8 p 40  
 Owen, Robert M., Nov 4 p 28\*

Ragland, C. E., Sept 30 p 18\*  
 Rainey, D. A., Dec 9 p 37  
 Ramsay, Harry J., July 22 p 28  
 Ramsey, William K., Oct 28 p 72  
 Randall, H. N., Nov 11 p 32  
 Randles, Eaton E., July 1/8 p 38  
 Randolph, A. Phillip, Sept 23 p 7  
 Rankin, M. Keith, July 15 p 37  
 Rather, R. E., Aug 26 p 50  
 Rathvon, John W., Oct 14 p 42  
 Ratliff, Ernest K., Aug 12 p 38  
 Ratten, John, Aug 26 p 11  
 Ray, T. L., Oct 14 p 42  
 Rea, Richard H., Sept 30 p 63\*  
 Reagan, C. J., Sept 23 p 80  
 Reager, W. E., Oct 28 p 71  
 Records, John K., Sept 2 p 37  
 Redanz, Clifford A., Dec 16 p 38  
 Reed, George E., Sept 23 p 50\*  
 Reed, J. W., Sept 16 p 39  
 Reed, John S., Oct 7 p 37\*  
 Reed, Raymond E., Oct 28 p 72  
 Reed, W. T., Oct 28 p 71  
 Rehm, John E., Sept 30 p 63  
 Reid, John B., Dec 9 p 38\*  
 Reisfrup, P. H., Aug 5 p 18\*  
 Rekela, George R., Aug 26 p 50  
 Renfer, William J., July 29 p 64

Rentschler, S. O., Aug 19 p 29  
 Rettinger, Charles C., Jr., July 22 p 27  
 Rettie, W. J., Oct 28 p 70  
 Rettinger, D. H., Aug 26 p 50  
 Rezner, John D., Aug 19 p 29\*  
 Reynolds, Edward L., Nov 25 p 55  
 Rice, Patrick J., Dec 23/30 p 52  
 Rice, Rodney W., Aug 26 p 59  
 Rice, W. Thomas, Dec 23/30 p 50  
 Richards, Robert W., Sept 9 p 38\*; Oct 28 p 74  
 Richardson, E. R., July 15 p 38  
 Richmond, John A., Sept 30 p 63  
 Richmond, Michael L., Nov 11 p 38  
 Riebow, Edward W., Oct 21 p 42  
 Riel, D. E., Sept 9 p 38  
 Ridgdon, G. M., Sept 30 p 56  
 Riley, W. W., Nov 25 p 56  
 Rines, R. Donald, July 15 p 37  
 Ring, E. W., Dec 9 p 37  
 Ringwood, John W., July 1/8 p 40  
 Rittenour, R. M., Dec 9 p 37  
 Rizzo, Frank E., Sept 23 p 80  
 Robertson, E. R., Nov 11 p 37; Nov 25 p 56  
 Robertson, Frank W., Aug 5 p 36  
 Robertson, Harry S., Sept 30 p 56  
 Robertson, J. A., Oct 28 p 73  
 Robinson, R. A., Sept 9 p 38  
 Robisch, E. J., Dec 9 p 37  
 Robson, John E., Oct 21 p 7; Nov 4 p 17  
 Robson, Merrit A., Nov 25 p 56  
 Rockey, Walter C., Nov 11 p 37  
 Rodefeld, R. J., July 22 p 27  
 Roe, Orra, Jr., Sept 28 p 73  
 Roeder, Ray A., Oct 28 p 70  
 Roessner, Fred A., Oct 21 p 42  
 Roewe, Vernon H., Sept 16 p 36  
 Rogers, E. Stuart, Nov 11 p 37; Dec 9 p 38  
 Rogers, Fred A., Jr., Dec 2 p 41  
 Rogers, Robert R., Aug 26 p 64  
 Rogers, Thomas D., Aug 26 p 50  
 Rollins, C. E., July 15 p 38; Aug 19 p 37  
 Ronan, William J., July 1/8 p 21\*  
 Root, Eugene S., Aug 12 p 37; Aug 26 p 50  
 Rosamond, T. R., July 1/8 p 38  
 Ross, Kenneth W., July 22 p 27  
 Ross, W. D., Sept 9 p 38; Oct 28 p 70  
 Ross, W. J., Oct 28 p 70  
 Roth, Frank J., Nov 11 p 37  
 Round, John D., Nov 11 p 32  
 Rousseau, Richard E., July 15 p 32  
 Rowan, Spencer A., July 22 p 28  
 Rudolph, Everett C., Oct 28 p 73  
 Rudolph, F. Paul, Nov 11 p 37  
 Rulong, Gordon L., Sept 30 p 64  
 Rupel, Richard P., Oct 28 p 72  
 Rupel, Gerald B., Nov 25 p 55\*  
 Rupp, Jack E., Oct 7 p 50  
 Ruppel, P. R., July 15 p 37  
 Russell, Donald J., Aug 5 p 7  
 Russell, Donald K., Oct 28 p 72  
 Russell, Robert A., Nov 25 p 56  
 Rutkowski, G. J., July 15 p 32  
 Rutledge, W. K., Aug 26 p 54

**S**

Sabol, Alan F., Nov 25 p 58  
 Salerno, Peter J., Aug 12 p 38  
 Sampson, F. Thiell, Aug 26 p 69  
 Sands Cliff, Nov 25 p 58  
 Sasaki, Y. T., Oct 7 p 50  
 Saunders, Stuart T., Aug 26 p 7; Oct 21 p 7  
 Sauter, Fred, July 15 p 32  
 Savage, N. A., Oct 28 p 71  
 Sayton, Everett G., Aug 26 p 64  
 Scarcello, Charles J., Oct 28 p 76\*  
 Scarpine, A. J., Nov 4 p 23  
 Schafer, Edwin C., Nov 18 p 47\*  
 Schafer, Robert A., Oct 14 p 42  
 Schaltenbrand, L. L., Aug 26 p 50  
 Scherer, Donald, Nov 11 p 38  
 Scherger, J. T., Sept 23 p 80  
 Scherling, James W., Oct 28 p 76  
 Schickling, Fred W., Dec 23/30 p 52  
 Schieler, A. Jerry, July 29 p 64; Nov 18 p 48  
 Schlitz, H. V., Oct 28 p 70  
 Schlosser, William A., July 15 p 32  
 Schloth, Wilhelm G., Sept 16 p 36  
 Schmid, John H., Nov 11 p 32  
 Schmid, Marcus H., July 22 p 33  
 Schoeder, Laverne W., Nov 11 p 37  
 Schofield, Albert M., July 1/8 p 40  
 Schofield, Joseph P., Dec 23/30 p 52  
 Schoonjans, P., Aug 26 p 11  
 Schrader, E. K., Sept 23 p 80  
 Schrader, L. F., Aug 5 p 36  
 Schroder, Samuel R., July 22 p 28  
 Schroeder, A., July 22 p 28  
 Schultz, R. E., Sept 30 p 56  
 Schultz, R. H., Aug 12 p 37  
 Schultz, Robert N., Oct 28 p 74  
 Schwab, R. E., Sept 23 p 80  
 Schwartz, V. L., Sept 9 p 39  
 Schweibitz, P. J., Sept 2 p 38  
 Schweiheit, Phillip D., Sept 16 p 39  
 Screws, Buford J., Aug 26 p 50  
 Seaman, G. Clayton, Aug 3 p 32

Sears, Gordon, Oct 28 p 72  
 Seay, James J., Sept 2 p 38  
 Sebald, Lawrence J., Oct 14 p 41  
 Seitz, T. R., Aug 5 p 32  
 Sell, Jack, Aug 26 p 69\*  
 Selman, W. D., Oct 21 p 42  
 Semack, Paul, Nov 11 p 38  
 Semerad, R. E., Nov 25 p 56  
 Semper, Carl G., Aug 5 p 36  
 Sencabaugh, George E., July 15 p 38  
 Sengheiser, Ernest M., Sept 30 p 56  
 Serenbetz, Warren L., Dec 23/30 p 52\*  
 Shaekel, T. F., July 22 p 28  
 Shaffer, James H., July 29 p 64  
 Shaffer, John H., Sept 2 p 38; Nov 25 p 56  
 Shanklin, John F., Sept 9 p 39  
 Sharp, Herbert, Oct 14 p 41  
 Sharp, R. A., July 22 p 27  
 Shaw, George B., July 15 p 32\*  
 Shaw, J. W., Sept 30 p 56  
 Shea, Frank J., Nov 25 p 56  
 Sheoran, Donald E., Oct 28 p 70\*, p 71  
 Shelor, John W., Aug 5 p 36  
 Shelton, Raymond D., Oct 28 p 74  
 Shepherd, A. M., Sept 23 p 80  
 Shepherd, H. L., Nov 25 p 56  
 Sher, William S., Dec 2 p 42\*  
 Sherard, Diamond B., Oct 28 p 72  
 Sherman, Roy L., July 1/8 p 38  
 Shetler, Karl L., July 15 p 37  
 Shewbridge, James C., Nov 18 p 47  
 Shinton, F. G., Aug 26 p 64  
 Shipp, Stanley E., Aug 26 p 64  
 Shoemaker, Perry M., Aug 26 p 50;  
 Sept 16 p 36  
 Short, Ronald L., July 22 p 27  
 Shreffler, K. D., Nov 25 p 55  
 Shrewsbury, James B., Oct 28 p 73  
 Siburt, James W., Nov 18 p 48  
 Siegel, Thomas J., Sept 30 p 56  
 Sigmundson, Sigurdur, July 1/8 p 38  
 Sim, R. G., Nov 25 p 56  
 Simmonds, Harry L., July 29 p 64  
 Simmons, L. C., Sept 2 p 38  
 Simon, J. S., July 29 p 63  
 Simons, J. L., Aug 5 p 32  
 Sinclair, Harold K., Sept 9 p 39  
 Sinclair, R. N., Oct 28 p 71  
 Sifton, Paul L., Aug 12 p 7; Sept 2 p 37\*  
 Slater, W. D., Dec 16 p 38  
 Slavin, Harold J., Oct 14 p 42  
 Smallenburg, Frederick W., Oct 7 p 50  
 Smallridge, W. K., Dec 16 p 38  
 Smith, Alfred C., July 22 p 33  
 Smith, Barrie T., Dec 16 p 38\*  
 Smith, C. W., Nov 4 p 28\*  
 Smith, Calvin E., Aug 12 p 38  
 Smith, Carl F., Oct 28 p 72  
 Smith, Daniel W., July 22 p 27  
 Smith, G., Aug 26 p 69  
 Smith, George M., Aug 26 p 59  
 Smith, George W., Jr., Aug 5 p 42  
 Smith, Harry F., Dec 2 p 41  
 Smith, J. A. Robert, July 15 p 37  
 Smith, J. Roland, Jr., July 15 p 37  
 Smith, J. S., Dec 9 p 37  
 Smith, James A., Aug 26 p 59  
 Smith, James A., Oct 14 p 41  
 Smith, Kenneth E., July 22 p 27  
 Smith, Leonidas H., Jr., Aug 12 p 37  
 Smith, Loren W., Sept 23 p 50\*  
 Smith, Robert H., Jr., Aug 26 p 54  
 Smith, Thomas W., Aug 19 p 27  
 Smith, William K., Oct 28 p 76  
 Smithburg, Pearl L., Oct 21 p 42  
 Snell, John E., Sept 9 p 39; Oct 28 p 71  
 Snell, William E., July 15 p 32  
 Snodgrass, William M., Aug 12 p 37  
 Snouffer, Richard D., July 15 p 38  
 Snyder, Howard L., Dec 2 p 42  
 Snyder, James J., Aug 19 p 29  
 Solga, S. J., Aug 26 p 50  
 Solomonson, Gerald L., July 29 p 64  
 Spafford, E. S., Aug 5 p 32  
 Speciale, L. A., Aug 26 p 64  
 Speed, W. H., Dec 2 p 41  
 Speirs, Neil P., Oct 7 p 12  
 Spink, W. H., Oct 14 p 41  
 Sponseller, W. J., Aug 5 p 36  
 Sprague, Harley J., Aug 12 p 37  
 Stafford, George M., Dec 23/30 p 7  
 Stafford, J. A., Aug 12 p 37  
 Stafford, Patrick W., July 15 p 37  
 Stahler, T. Richard, Nov 25 p 58  
 Stall, Robert J., Jr., Nov 4 p 23  
 Stanford, Cloyd F., Dec 16 p 38  
 Stanton, Edward B., July 22 p 27  
 Starr, Glenn C., Dec 16 p 38  
 Stasio, E. J., Sept 23 p 80  
 Steel, Frank W., Nov 11 p 37  
 Steele, J. M., July 22 p 27  
 Steimling, Clair F., Sept 2 p 38  
 Steimling, Derwin F., Sept 2 p 38  
 Stein, Joseph J., Dec 16 p 38  
 Steinberger, F. J., Nov 25 p 56  
 Steis, R. L., Dec 9 p 38  
 Stender, Robert L., Dec 2 p 41  
 Stephanson, P. A., Aug 5 p 32  
 Stephens, J. L., Aug 12 p 37  
 Stephens, C. H., July 1/8 p 38  
 Stevens, Miles G., Jr., Aug 12 p 37  
 Stevens, Robert M., Nov 25 p 55  
 Stevenson, James A., Oct 7 p 37  
 Stewart, Sanford H., Jr., Sept 2 p 37  
 Stewart, J. C., Oct 21 p 42  
 Stewart, John V., Dec 23/30 p 52

Stewart, Larry S., Aug 26 p 64  
 Stickel, Edward R., July 1/8 p 40  
 Stier, Norman H., Oct 28 p 71  
 Stinson, S. Joseph, July 15 p 37  
 Stites, C. A., July 22 p 28  
 Stites, Francis J., Sept 23 p 114  
 Story, Thomas A., Dec 23/30 p 52  
 Stokes, Carl, Oct 7 p 28\*  
 Stokes, Glenn W., Dec 9 p 38  
 Strahan, R. H., Nov 25 p 56  
 Strand, Frank J., Aug 5 p 42  
 Strecker, R. J., Oct 21 p 42  
 Street, F. Carey, Aug 26 p 54  
 Streiff, Warren D., Aug 26 p 59  
 Strelinger, G. P., Aug 26 p 50  
 Stremmel, Frank H., July 22 p 27  
 Strickland, J. M., July 1/8 p 38  
 Strickland, Richard A., Sept 23 p 114;  
 Oct 14 p 41\* p 42  
 Stringer, W. H., July 1/8 p 38  
 Strongin, Bernard J., Aug 26 p 50  
 Stout, W. Jerome, Dec 23/30 p 50  
 Styles, Robert A., July 15 p 38  
 Suchaneck, Steven M., July 22 p 28  
 Sullivan, Daniel J., Aug 19 p 38  
 Sullivan, James R., Sept 23 p 50\*; Dec 9  
 p 7  
 Sultze, L. G., Sept 9 p 39  
 Summers, Anthony W., Sept 9 p 39  
 Supon, J. N., Nov 25 p 56  
 Sutherland, D. A., Aug 5 p 36  
 Sutton, James D., July 15 p 38  
 Svehlak, Joseph T., Sept 16 p 38  
 Swanson, R. T., July 22 p 27  
 Swanson, Ray W., Oct 28 p 72  
 Swartzlander, T. G., Aug 26 p 50  
 Sweet, Gilbert L., Aug 19 p 37  
 Switzigable, H. C., Aug 26 p 69  
 Sword, Sue J., July 15 p 38  
 Szolkowski, Boleslaw, Nov 11 p 38

## T

Taft, Walter, July 1/8 p 29\*; Oct 21 p 13\*  
 Taglang, Louis E., Aug 26 p 64  
 Talbot, Frank, July 22 p 27  
 Tatum, W. E., Dec 9 p 38  
 Tauge, Edwin C., Sept 30 p 64  
 Taylor, B. W., July 1/8 p 38  
 Taylor, E. K., July 22 p 28  
 Taylor, F. H., Nov 25 p 55  
 Taylor, Robert E., Sept 23 p 50\*  
 Taylor, S. F., July 1/8 p 38  
 Taylor, Thomas M., Jr., Sept 2 p 37  
 Taylor, William J., July 1/8 p 7; July 22  
 p 28\*  
 Teichman, Richard A., Jr., July 1/8 p 40  
 Templeton, Robert, Oct 28 p 70  
 Terrels, F. A., July 1/8 p 38  
 Terry, James M., Oct 28 p 71  
 Tess, Howard J., Oct 28 p 76  
 Tetrault, Robert D., Dec 23/30 p 41  
 Thacker, R. L., July 1/8 p 38  
 Thayer, Louis M., Aug 5 p 32  
 Theroff, Douglas S., Dec 9 p 38  
 Thibodeau, C. A., Sept 9 p 38  
 Thomas, Benjamin G., Nov 11 p 37;  
 Dec 2 p 41  
 Thomas, George E., July 15 p 38  
 Thomas, L. A., July 29 p 63  
 Thompson, Churchill, Aug 26 p 50  
 Thompson, Harold, Oct 28 p 74  
 Thompson, M. Wyatt, Aug 26 p 64

Thompson, William F., Aug 19 p 29\*, p 37  
 Thomsen, Donald, Sept 2 p 38  
 Thornton, William L., Oct 28 p 71  
 Thoroughgood, C. J., Sept 16 p 38  
 Thune, Robert E., Aug 5 p 42  
 Tillotson, Robert M., July 22 p 28  
 Tilisch, John W., Aug 19 p 37  
 Tilson, G. H., Aug 5 p 38  
 Timms, Fred G., Nov 11 p 37  
 Timmons, R. D., July 1/8 p 40  
 Timmerberg, G. C., July 1/8 p 38  
 Tonney, R. S., July 15 p 38  
 Toohy, Robert E., Aug 5 p 42  
 Totby, G. C., Nov 4 p 33  
 Townsend, John H., Oct 28 p 76  
 Toxon, Howard P., Nov 3 p 23  
 Tropino, S., Nov 11 p 32  
 Tubbs, K. P., Dec 9 p 36  
 Tuchman, Martin, Dec 23/30 p 52\*  
 Tucker, Charles T., July 22 p 27  
 Tucker, R. H., Nov 5 p 23  
 Tucker, Robert J., Oct 7 p 37  
 Tucker, William H., Aug 26 p 59\*; Sept 2  
 p 38  
 Tuenge, E. Gordon, July 22 p 28  
 Tuggee, Kenneth H., July 29 p 7  
 Turgeon, George J., Sept 16 p 38  
 Turner, Charles P., Dec 2 p 41  
 Turner, Daniel L., Dec 2 p 42  
 Turner, Thomas K., July 1/8 p 40  
 Turnlund, J. L., Nov 11 p 32  
 Twiss, Luther A., Aug 5 p 36  
 Tyrell, C. F., July 29 p 63

## U

Uhrich, Robert H., Sept 23 p 80

Underhill, A. M., Sept 2 p 38

## V

Valenty, Thomas G., Nov 11 p 38  
 Valleroy, James T., Sept 16 p 38  
 Valley, George V., Dec 9 p 38  
 Vanderziel, Kenneth H., Aug 26 p 64  
 Van Gorp, P. H., Oct 7 p 37\*  
 Van Matre, J. B., Aug 19 p 38  
 Van Sant, A. D., Sept 16 p 39  
 Vantine, Robert E., July 29 p 64  
 Vardaman, F. W., July 15 p 38  
 Vawter, Jack M., July 29 p 63  
 Veckley, John, Nov 25 p 58  
 Veenis, R. M., Oct 28 p 70  
 Velez, Raymond A., Sept 30 p 64  
 Verlander, T. A., Jr., Nov 25 p 56  
 Vernon, John B., Aug 12 p 38  
 Verostic, M. J., Nov 4 p 23  
 Vickrey, Bert Jr., Dec 9 p 37  
 Viggiano, Victor A., Aug 12 p 38  
 Virilano, Bartholomew J., July 15 p 37  
 Vogel, Theodore L., Sept 16 p 39  
 Vogeli, John M., Sept 9 p 39  
 Vogen, G. W., Sept 9 p 38  
 Volpe, John A., Dec 16 p 40\*; Dec 23/30  
 p 7  
 Voltz, Herman G., July 15 p 32

Wachenfeld, Richard B., Sept 16 p 36  
 Waddington, R. S., Sept 9 p 38  
 Wagner, Daniel J., Aug 12 p 38; Aug 19  
 p 38\*  
 Wait, F. E., July 29 p 63  
 Waite, R. G., Sept 2 p 37\*  
 Waldon, Allen F., July 22 p 27  
 Walker, A. T., July 15 p 37  
 Walker, Adrian A., Nov 4 p 28  
 Walker, John A., Aug 19 p 37  
 Walker, R. A., Oct 28 p 70  
 Walker, R. G., Aug 26 p 54  
 Walker, Stephen W., Aug 26 p 50  
 Walkley, Lawrence E., Nov 28 p 58\*  
 Wallace, George R., Oct 28 p 33\*  
 Wallen, Norman A., July 22 p 27  
 Wallenius, J. W., Aug 5 p 36  
 Wallin, E. J., July 22 p 27  
 Walsh, Leo F., July 29 p 63; Aug 19  
 p 37  
 Walter, J. S., July 15 p 37  
 Ward, F. J., Nov 25 p 56  
 Ward, John F., Sept 16 p 38  
 Wardsworth, M. L., Sept 16 p 38  
 Ward, Vernon T., Nov 11 p 32  
 Warner, Theodore K., Jr., Nov 4 p 23  
 Warming, D. T., July 22 p 27  
 Warren, Gilbert M., July 29 p 64\*  
 Warren, James A., Dec 2 p 41  
 Warrick, T. Jack, Nov 4 p 37  
 Warshaw, Morris, July 1/8 p 36  
 Watson, Wallace C., Sept 16 p 36  
 Watson, R. A., Dec 9 p 38  
 Watson, Robert L., Nov 11 p 32  
 Waterhouse, George C., Oct 28 p 76  
 Watts, Robert H., Nov 4 p 28  
 Weatherall, W. J., Aug 26 p 50  
 Weaver, George H., July 1/8 p 40  
 Weaver, James, July 29 p 64  
 Webb, D. R., Aug 26 p 64  
 Webb, P. V., Aug 26 p 64  
 Webber, Ralph G., Aug 26 p 64  
 Weble, Kenneth F., July 1/8 p 40  
 Webner, John W., July 29 p 63  
 Weigel, G. K., Sept 23 p 51\*  
 Weinstein, Daniel B., Oct 28 p 74  
 Weinstein, Sidney, Nov 25 p 56  
 Weisenborn, Merle W., Sept 16 p 36  
 Weiszel, Michael H., July 22 p 27  
 Welch, Theodore M., Aug 26 p 50; Oct 7  
 p 37  
 Wells, D. F., Sept 9 p 38  
 Welty, Gus, July 1/8 p 12\*; Sept 30 p 49\*  
 Wendorf, Gerald L., July 22 p 28  
 Wenzler, S., July 1/8 p 40  
 Wesley, R. E., July 22 p 27  
 West, Donald G., Nov 25 p 55  
 West, R. M., Jr., Aug 26 p 54  
 Wettach, W. C., Sept 30 p 56  
 Wharton, Robert A., Sept 2 p 38  
 Wheaton, Fred E., Dec 23/30 p 52  
 Wheeler, Edwin M., Sept 16 p 38  
 Whelpley, Joseph H., Oct 28 p 71  
 Whitcombe, H. M., Sept 9 p 38  
 White, Ed, Oct 14 p 41  
 White, John C., July 1/8 p 40  
 White, Ralph, Aug 12 p 38  
 White, Warren H., July 1/8 p 40  
 Whitehead, Craig B., III, Nov 11 p 38\*  
 Whitman, Reginald N., Sept 16 p 44  
 Whitney, Howard A., Nov 11 p 32

## W

Whittington, D. A., Sept 16 p 38  
 Wiebel, Lewis H., Sept 2 p 38  
 Wiggin, Russell, Aug 26 p 54  
 Wiley, R. K., Oct 28 p 70  
 Wiley, Ralph C., Dec 23/30 p 52  
 Wilhite, Colbert R., Oct 28 p 76  
 Wilkins, Robert, July 15 p 38  
 Williams, Glenn A., Aug 26 p 50  
 Williams, Louis C., Sept 9 p 39  
 Williams, N. H., Sept 23 p 60; Sept 30  
 p 56  
 Williams, Ralph C., Aug 26 p 64  
 Williamson, C. Robert, July 22 p 28  
 Williamson, Harry E., July 22 p 28  
 Wilson, D. L., July 22 p 28  
 Wilson, E. B., July 22 p 27; Aug 26 p 50;  
 Sept 23 p 60  
 Wilson, H. E., Dec 9 p 15  
 Wilson, R. S., July 1/8 p 40\*  
 Wilson, Rodney E., Dec 16 p 38  
 Winger, G. Leo, Aug 12 p 38\*  
 Winkel, Alfred C., Oct 28 p 72  
 Wintonial, S. George, Aug 26 p 59  
 Wise, Walter H., July 15 p 32  
 Wiseman, J. M., July 29 p 63  
 Wiss, Harold W., Sept 23 p 20\*  
 Wogan, C. E., Dec 9 p 37  
 Wolfe, James E., Dec 2 p 14  
 Wolfe, W. A., Dec 23/30 p 52  
 Wolfenden, E. A., Aug 5 p 36  
 Wolford, F. T., Aug 5 p 36  
 Wollenzien, Thomas, P., Dec 9 p 38  
 Wood, E. Homer, Dec 23/30 p 44\*  
 Wood, Paul L., Dec 16 p 38  
 Wood, R. J., July 15 p 38  
 Woodruff, Kenneth T., July 22 p 27  
 Woody, Hubert W., Aug 5 p 36  
 Woolf, Jerry R., Oct 21 p 42  
 Worthington, Lewis L., Sept 9 p 38  
 Wright, Alexander A., Aug 26 p 69\*  
 Wright, Edward H., July 1/8 p 40  
 Wright, J. J., Sept 2 p 38  
 Wright, James C., Oct 28 p 73  
 Wright, R. H., Sept 2 p 38  
 Wright, Richard E., Sept 30 p 63  
 Wright, Robert D., Sept 23 p 80  
 Wright, W. C., Nov 15 p 48  
 Wyne, Walter W., Oct 28 p 70  
 Wyso, P. B., Oct 28 p 76

## Y

Yatzkan, I. P., Aug 5 p 36  
 Yeager, Phillip C., July 1/8 p 40; July 15  
 p 37  
 Young, Glenn G., Sept 23 p 80  
 Young, Robert R., Aug 26 p 69  
 Youngblood, Douglas S., Nov 11 p 38  
 Younghouse, Robert H., Oct 28 p 71

## Z

Zaino, L. F., Oct 28 p 71  
 Zarriello, Edward J., July 15 p 37  
 Zeider, Gordon L., July 1/8 p 40  
 Zickelsoone, Ellis J., Oct 28 p 76

## OBITUARY

Adams, Charles E., Dec 16 p 38  
 Adams, W. H., Dec 23/30 p 41

Bodkin, John A., July 15 p 32  
 Boswell, Robert J., Sept 16 p 36, p 38  
 Busch, Charles R., Dec 23 p 42

Clark, James T., Sept 2 p 37  
 Coffin, C. W. Floyd, Aug 19 p 38  
 Coleman, James W., Nov 4 p 37  
 Comer, Lannis D., Dec 2 p 42  
 Corry, Edgar C., Jr., Oct 21 p 42

Dilworth, Richard M., Oct 21 p 40, p 42  
 Dugan, Larry H., July 22 p 28; Aug 19  
 p 37

Feehey, Joseph G., Dec 2 p 41  
 French, Edward S., July 22 p 27  
 Frost, Jack S., July 22 p 28

Goggin, J. Edward, Oct 7 p 37  
 Greenlaw, Lowell M., Dec 2 p 42  
 Grey, Alan G., Dec 9 p 32

Harrison, George M., Dec 9 p 36  
 Hays, Joseph H., July 1/8 p 44; Oct 14  
 p 41

Hillman, Frank W., Aug 19 p 38  
 Houk, Dr. John W., Nov 4 p 23

Jenks, Charles O., Oct 21 p 42  
 Johnson, Herbert W., Nov 18 p 47  
 Joy, W. J., Dec 16 p 38

Kelly, G. W., Oct 21 p 42  
 Kiefer, Paul W., Sept 9 p 39  
 Kline, Bertram A., Nov 18 p 47  
 Kreage, Walter C., Aug 19 p 38; Nov 18  
 p 47  
 Kummerer, Joseph A., Oct 7 p 37

Larson, Everett C., Sept 16 p 39  
 Law, Curtis W., Oct 26 p 71  
 Lindstrom, Charles W., Sept 23 p 80

McDonald, William J., July 15 p 32  
 McLeod, William, Nov 18 p 47

Nelson, Harvey R., Aug 26 p 69

Osborn, Cyrus R., Dec 2 p 42  
 Pentek, Steven, Aug 26 p 69; Sept 9 p 38  
 Pinney, Millard A., Dec 16 p 38  
 Proctor, Thomas W., Sept 16 p 39  
 Whitney, Howard A., Nov 11 p 32

Robbins, Frank S., July 29 p 63  
 Rogers, R. W., July 22 p 26

Scott, George T., Nov 4 p 37  
 Selig, Lester N., Dec 9 p 32  
 Spencer, Lee, Oct 7 p 37  
 Squibb, Glenn A., Dec 2 p 42  
 Stenzel, Roger W., Dec 2 p 42  
 Surratt, Cecil E., Dec 2 p 41  
 Sutka, John, Sept 23 p 80

Watson, David R., Dec 2 p 40  
 Williams, Rowland L., Aug 19 p 38  
 Wiss, Harold W. P., Oct 7 p 37

Young, John R., Jr., Sept 16 p 39



